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Monitoring of Harmful Interference to the HF Broadcast Service IV. Results of the July 1988 Coordinated Monitoring Period

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MONITORING OF HARMFUL INTERFERENCE TO THE HF BROADCAST SERVICE IV. RESULTS OF THE JULY 1988 COORDINATED MONITORING PERIOD

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This is the fourth in a series of reports describing the results of studies to determine the location of sources of harmful interference to the high frequency (HF) broadcasting service. Using observations recorded during the July 1988 monitoring program conducted under the auspices of the International Frequency Registration Board, and observations from monitoring stations coordinated by the Institute for Telecommunication Sciences, the report identifies frequently observed emitters of harmful interference and their locations, and notes the extent of such interference with programs of leading international broadcast organizations.

Key words: direction finding; harmful interference; HF broadcasting; HF jamming; HF propagation

1. INTRODUCTION

For the first time in over 35 years, the jamming of Radio Liberty's (RL) shortwave broadcasts directed into the Soviet Union has ceased. Also, jamming of Radio Free Europe's (RFE) broadcasts into Eastern Europe, as well as those of Deutche Welle (DW) into Bulgaria and Kol Israel (IBA) into the Soviet Union, has ceased. This cessation of jamming is believed to be a result of the closer East/West relations that have emerged recently and follows the cessation of jamming of the Voice of America's (VOA) Russian service and the British Broadcasting Corporation's (BBC) Russian service in early 1988. However, the world is not totally free of jamming of shortwave broadcast services, and services like the VOA's Dahri and Pasto languages for example continue to be adversely impacted by intentional harmful interference.

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Prior to the change in the interference environment that occurred with the cessation of jamming to the VOA and BBC Russian services in early 1988, the Institute for Telecommunication Sciences coordinated a worldwide collection of observations of harmful interference (jamming) to the high frequency broadcast service on four separate occasions between October 1984 and June 1986. The results of these monitoring programs have been reported by Sowers et al. (1985, 1986, and 1987). In this report we describe the results of monitoring of the harmful interference to the high frequency broadcast service that were obtained during the July 1988 monitoring program. The results described in this report are indicative of what the HF broadcasting interference environment was like before the most recent cessation of jamming.

The results presented here and in the earlier reports were made possible because of monitoring programs that were organized under the auspices of the International Frequency Registration Board (IFRB) of the International Telecommunication Union (ITU). Resolution COM 5/1 of the First Session of the World Administrative Radio Conference for the planning of the bands allocated to the high frequency broadcasting service (WARC-HFBC) in February 1984 directed the IFRB, with the cooperation of the administrations, "to organize monitoring programs in the bands allocated to the high frequency broadcast services with a view to identifying stations causing interference" and to report the results to the Second Session of the Conference, which was held in 1987 (ITU, 1984). As mentioned above, four such monitoring programs were organized and they were held during the period of time between the first and second conferences. The IFRB presented the results of these programs to the Second Session of the HFBC in February 1987 [Document 9, WARC-HFBC(87)].

Resolution 513 of the Second Session of the HFBC (ITU, 1987) once again directed the IFRB to continue the monitoring programs in the period between the second and a future third session of the conference. The first monitoring program of this second series was held between July 4-24, 1988. In this report we give the results of this program and compare them with those given in Sowers et al. (1985, 1986, 1987).

The reports by Sowers et al. describe the locations of over 100 emitters in the Soviet Union and Eastern Bloc countries used to jam

Western high frequency broadcasts. Most of the jammers presented in those reports did not change drastically in location over the course of the four monitoring periods that were conducted between October 1984 and June 1986. Many changes in the locations of jammers within the Soviet Union, and the manner in which jamming was conducted, were observed during the July 1988 monitoring program. These are described in Section 3 of this report.

In previous reports we presented statistics on the broadcasters and languages that were targeted for jamming by emitters located in the Soviet Union and Eastern Bloc countries. Many changes in these statistics have been noted in the most recent monitoring period. The VOA, BBC, DW, and IBA all experienced decreased interference from jamming to their services into the Soviet Union and Eastern Bloc countries. Section 3.2 presents statistics compiled on the broadcasters and languages that were affected by harmful interference during the July 1988 monitoring program. Prior to discussing this, however, in Section 2 we describe the types of observations that were collected and the procedures used to determine the locations of the jammers.

2. DATA COLLECTION AND ANALYSIS

The fifth monitoring program to collect data on harmful interference was conducted between July 4 and 24, 1988 (IFRB 1987). As was the case in previous IFRB monitoring programs, a specific frequency schedule was used during the monitoring period and the participating administrations were requested to forward their data to the IFRB. Several administrations continued to cooperate with ITS by also sending their data directly to the Institute. Cooperating administrations outside the United States include the Federal Republic of Germany, Canada, Sweden, Italy, Norway, Korea, and the United Kingdom. Data from the United States were collected from 13 Federal Communications Commission (FCC) stations located in the continental United States, Puerto Rico, Hawaii, and Alaska. A list of all participating stations and their locations is given in Table 1. Table 1 also lists the antenna types in use at the monitoring stations. The antenna types are also described in the report by Sowers et al. (1985).

As in the past, the collection of data was coordinated by ITS through the development of a frequency schedule for all the participating stations

Table 1. Station Locations and Antenna Types

STATION	CODE	LATITUDE	LONGITUDE	ANTENNA TYPE
ANCHORAGE, ALASKA	AN	61°09'43"N	149°59'55"W	FIXED MONOPOLES W/ GONIOMETER (WIDE APERATURE)
BELFAST, MAINE	BE	44°26'42"N	69°04'58"W	FIXED MONOPOLES W/ GONIOMETER (WIDE APERATURE)
DOUGLAS, ARIZONA	DS	31°30'02"N	109°39'12"W	FIXED MONOPOLES W/ GONIOMETER (WIDE APERATURE)
FERNDALE, WASHINGTON	FE	48°57'21"N	122°33'12"W	FIXED MONOPOLE W/ GONIOMETER (WIDE APERATURE)
VEROBEACH, FLORIDA	FL	07°36'21"N	80°38'06"W	FIXED MONOPOLES W/ GONIOMETER (WIDE APERATURE)
GRAND ISLAND, NEBRASKA	GI	40°55'21"N	98°25'42"W	ROTATING ADCOCK TYPE
KINGSVILLE, TEXAS	KI	27°26'29"N	97°53'00"W	FIXED MONOPOLES W/ GONIOMETER (WIDE APERATURE)
LAUREL, MARYLAND	LR	39°09'54"N	76°49'17"W	FIXED MONOPOLES W/ GONIOMETER (WIDE APERATURE)
LIVERMORE, CALIFORNIA	LV	37°43'30"N	121°45'12"W	FIXED MONOPOLES W/ GONIOMETER (WIDE APERATURE)
POWDER SPRINGS, GEORGIA	PS	33°51'44"N	84°43'26"W	FIXED MONOPOLES W/ GONIOMETER (WIDE APERATURE)
SABANA SECA, PUERTO RICO	SS	18°27'23"N	66°13'37"W	FIXED MONOPOLES W/ GONIOMETER (WIDE APERATURE)
HONOLULU, HAWAII	WP	21°22'45"N	157°59'54"W	FIXED MONOPOLES W/ GONIOMETER (WIDE APERATURE)
FT. SMITH, ALBERTA CANADA	FS	59°52'00"N	111°54'00"W	BANDWIDTH MEASUREMENT ONLY
LANGLEY, B.C. CANADA	LA	49°04'23"N	122°41'08"W	BANDWIDTH MEASUREMENT ONLY
ST. REMI, QUEBEC, CANADA	SR	45°17'03"N	73°39'50"W	BANDWIDTH MEASUREMENT ONLY
BOCKHACKEN, FED. REP. OF GERMANY	BK	51°06'00"N	07°16'00"E	ADCOCK ANTENNA
BERLIN, FED. REP. OF GERMANY	BL	52°34'00"N	13°18'00"E	ADCOCK ANTENNA
DARMSTADT, FED. REP. OF GERMANY	DT	49°51'00"N	08°40'00"E	ADCOCK ANTENNA
MUNCHEN, FED. REP. OF GERMANY	MU	48°10'00"N	11°28'00"E	ADCOCK ANTENNA
ITZEHOE, FED. REP. OF GERMANY	IT	53°54'00"N	09°31'00"E	ADCOCK ANTENNA
KONSTANZ, FED. REP. OF GERMANY	KO	47°41'00"N	09°12'00"E	ADCOCK ANTENNA
KREFELD, FED. REP. OF GERMANY	KR	51°26'00"N	06°28'00"E	ADCOCK ANTENNA
NORWAY, STATION 0	NO	58°48'48"N	05°40'09"E	ADCOCK ANTENNA
NORWAY, STATION 1	N1	66°10'48"N	12°33'33"E	ADCOCK ANTENNA
NORWAY, STATION 2	N2	69°16'34"N	16°08'40"E	ADCOCK ANTENNA
NORWAY, STATION 3	N3	71°04'34"N	24°06'58"E	ADCOCK ANTENNA
ENKOPING, SWEDEN	EN	59°35'00"N	17°08'00"E	ADCOCK ANTENNA
CROWSELY PARK, U.K.	U1	51°30'55"N	00°57'13"W	BANDWIDTH MEASUREMENTS ONLY
BALDOCK, U.K.	U2	52°00'00"N	00°08'00"E	FIXED MONOPOLES W/ GONIOMETER (WIDE APERATURE)
ROME, ITALY	RO	41°52'00"N	12°27'00"E	ADCOCK ANTENNA
TOKOYO, JAPAN	TO	35°33'54"N	140°24'47"E	LOG PERIODIC ANTENNA
SEOUL, S. KOREA	SO	37°29'00"N	127°07'00"E	LOG PERIODIC ANTENNA
PUSAN, S. KOREA	BU	35°12'00"N	128°58'00"E	LOG PERIODIC ANTENNA
KWANGJU, S. KOREA	GW	35°01'00"N	126°48'00"E	LOG PERIODIC ANTENNA
KANGNUNG, S. KOREA	GN	37°44'00"N	128°55'00"E	LOG PERIODIC ANTENNA

to follow. Table 2 is a copy of the schedule followed during the first week of the July 1988 monitoring period. The IFRB assigned distinct frequency bands from those allocated to the HF broadcasting services to be monitored each week of the 3 week monitoring period. Specific frequencies were chosen within each of these bands for monitoring at the beginning of each half-hour time block. These frequencies were chosen from a list of probable jammed frequencies supplied to ITS by the broadcast organizations whose services were subjected to jamming.

The stations listed in Table 1 that are equipped with direction-finding systems (i.e., Wullenweber arrays or Adcock systems*) recorded the bearing of the signals that caused harmful interference to the broadcast services. In addition to the bearing information, the monitoring stations collected information on bandwidth, time of day, and frequency of the signal being jammed. The two-character Morse code identifier characteristic of jamming of Western broadcasts by Soviet and Eastern Bloc countries was also recorded for those signals so identified. Table 3 illustrates an example of the information that was obtained.

During the July 1988 monitoring program an entirely new set of markers, different from those recorded in previous monitoring periods, was observed accompanying the jamming emissions. Because of the change in the markers used to identify the sources of interference, we had to verify the assumptions that were made in previous monitoring reports. In the report by Sowers et al. (1985), we described a geolocation algorithm that allowed us to identify a unique location for each marker based upon the assumption that each marker was transmitted from only one location. We verified that this assumption was still valid by examining the histograms of several markers recorded at each monitoring station such as discussed by Sowers et al. (1985).

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* Certain commercial equipment, instruments, or materials are identified in this paper to specify adequately the experimental procedure. In no case does such identification imply recommendation or endorsement by the National Telecommunications and Information Administration, nor does it imply that the material or equipment identified is necessarily the best available for the purpose.

Table 2. Monitoring Schedule for July 1988

TIME BLOCK#	TIME PERIOD	Mon Jul 4	Tue Jul 5	Wed Jul 6	Thu Jul 7	Fri Jul 8	Sat Jul 9	Sun Jul10
1	0000-0029	5955	11725	6180	11770	11825	6135	11855
2	0030-0059	11875	6155	11885	6035	11780	11935	11970
3	0100-0129	6035	11780	11915	11855	6050	11875	6180
4	0130-0159	11825	11935	11970	11885	5985	6170	11725
5	0200-0229	5955	11770	6150	6170	11875	11915	6135
6	0230-0259	11770	5975	11705	11855	11935	6135	11725
7	0300-0329	11935	6170	5995	11960	11705	6060	5955
8	0330-0359	11875	11885	6060	11970	11770	5985	11905
9	0400-0429	6125	6125	11770	5955	5965	11875	11970
10	0430-0459	5955	11875	6115	11960	11825	11915	11705
11	0500-0529	11805	5955	11805	11855	5965	6115	11895
12	0530-0559	5955	11805	6090	6125	6115	11940	11915
13	0600-0629	11855	11885	11745	11970	11935	5975	6115
14	0630-0659	6115	5995	11935	11885	11940	11855	11935
15	0700-0729	11855	11725	5995	11855	11885	11940	6105
16	0730-0759	11885	11745	11940	11840	11775	11855	11970
17	0800-0829	11895	11875	11970	11885	11970	11970	11815
18	0830-0859	11875	6105	11885	5995	11875	11940	6105
19	0900-0929	6105	11770	11705	11875	11885	11770	11970
20	0930-0959	11770	5995	11875	11885	6105	11970	6105
21	1000-1029	11855	6105	11770	11895	11705	11875	11885
22	1030-1059	11970	11885	5995	11875	6105	11960	11875
23	1100-1129	11875	6105	11885	11970	11770	11770	6105
24	1130-1159	5995	11970	11875	6105	11885	11970	11895
25	1200-1229	11740	5985	11740	11835	5995	11875	11885
26	1230-1259	11770	11885	11875	11885	11970	6105	11970
27	1300-1329	6105	11740	6105	11960	11770	11875	11885
28	1330-1359	11875	11855	11960	5995	11705	11970	11815
29	1400-1429	11855	11885	11970	6105	11825	11705	11875
30	1430-1459	11970	11705	11855	11825	11855	11875	11825
31	1500-1529	11970	11855	11960	11885	11905	11885	11705
32	1530-1559	11875	11915	11825	11905	11875	11825	6105
33	1600-1629	11970	6105	11905	11915	6035	11945	11885
34	1630-1659	11835	11835	6105	11825	11915	6105	11970
35	1700-1729	11875	6105	11875	5970	11855	11825	11905
36	1730-1759	11915	11705	11915	11885	6105	6105	11970
37	1800-1829	11905	5995	6015	11905	11935	11970	11855
38	1830-1859	5955	11740	11885	6115	11740	11875	6105
39	1900-1929	11935	6015	11970	11750	11970	11960	11705
40	1930-1959	11875	11935	6105	5955	11705	11970	5955
41	2000-2029	6170	11885	6115	11845	6015	11790	11875
42	2030-2059	5955	6160	11750	6115	11855	11970	11825
43	2100-2129	11750	11885	5955	6170	11875	11970	6015
44	2130-2159	11935	11875	11960	11825	6160	6115	6160
45	2200-2229	5955	5995	6170	11770	11885	11895	11885
46	2230-2259	11875	6050	11770	6035	11970	11815	11875
47	2300-2329	6115	11725	6105	11885	11725	6180	11825
48	2330-2359	11970	6155	11855	6155	11825	11935	11875

* Time is in universal time; frequency is in kilohertz

Table 2. Monitoring Schedule for July 1988 (cont.)

TIME BLOCK#	TIME PERIOD	Mon Jul11	Tue Jul12	Wed Jul13	Thu Jul14	Fri Jul15	Sat Jul16	Sun Jul17
1	0000-0029	7165	7155	15370	7295	15340	7180	15355
2	0030-0059	7255	15445	7105	7115	7220	15130	7190
3	0100-0129	7105	7180	7145	15355	7295	15340	7220
4	0130-0159	15105	7165	15370	7190	15130	7255	15445
5	0200-0229	15340	15370	15130	7105	7155	15445	7190
6	0230-0259	7295	7180	7145	7220	15105	7190	15355
7	0300-0329	15290	15370	7295	7130	7245	15340	7190
8	0330-0359	7285	15275	7225	7210	15115	7210	15445
9	0400-0429	15380	7225	15340	7245	15255	15200	15290
10	0430-0459	15425	15355	15105	15370	15115	7155	15130
11	0500-0529	15380	15290	15445	7255	7255	7245	15115
12	0530-0559	15370	7155	7240	7220	15170	15255	7220
13	0600-0629	15170	15380	15105	7240	15115	7130	15105
14	0630-0659	7220	7130	7165	15370	15340	15445	21510
15	0700-0729	7190	15340	15445	15130	7130	15290	15445
16	0730-0759	15115	15255	7220	21455	15170	21510	21720
17	0800-0829	15185	15370	21650	21745	7240	15105	7240
18	0830-0859	15105	15205	15380	21680	15380	15205	21530
19	0900-0929	21455	15130	15415	15340	21720	21530	15425
20	0930-0959	15445	21530	15340	15105	15380	15370	21745
21	1000-1029	15105	21735	21745	15170	7220	15105	7130
22	1030-1059	15255	7240	15290	21510	15425	21500	15130
23	1100-1129	7220	15445	21455	15370	21510	21745	15105
24	1130-1159	15340	15290	7130	21735	15255	15105	7220
25	1200-1229	15150	15370	21720	15170	21500	15380	15435
26	1230-1259	15215	15150	15290	15105	15130	21530	21745
27	1300-1329	15115	15240	15255	15340	15445	15380	15335
28	1330-1359	15170	15415	15290	21520	15370	15435	7255
29	1400-1429	21500	15290	15335	7255	15435	21720	15370
30	1430-1459	15130	15115	21610	15255	7220	15435	21510
31	1500-1529	15405	15200	21610	21610	15435	21745	21735
32	1530-1559	15370	7255	15130	15380	15245	7220	15105
33	1600-1629	15255	15335	15415	15415	15425	15115	21500
34	1630-1659	15290	7220	15130	15405	7130	7280	15225
35	1700-1729	21455	15115	15380	15170	15405	21720	21745
36	1730-1759	15305	7215	7205	15340	15240	15290	15255
37	1800-1829	15245	15290	15305	21720	21500	15170	7130
38	1830-1859	15370	7225	15115	7220	15340	15380	21455
39	1900-1929	7215	7130	15130	7205	15370	15290	15255
40	1930-1959	21720	15115	15380	15340	7295	15245	15340
41	2000-2029	7245	7220	15425	15255	7225	15340	15225
42	2030-2059	21745	15170	7235	15305	15415	7235	15115
43	2100-2129	7235	15255	15115	15380	15340	7255	7220
44	2130-2159	15245	15130	7245	7295	15380	15370	15170
45	2200-2229	15130	7225	15255	15370	7165	7255	15340
46	2230-2259	15415	7220	7295	7245	15380	15170	15130
47	2300-2329	15255	15170	7155	15355	7190	7295	7220
48	2330-2359	7245	7115	15130	7165	15370	15370	7255

* Time is in universal time; frequency is in kilohertz

Table 2. Monitoring Schedule for July 1988 (cont.)

TIME BLOCK#	TIME PERIOD	Mon Jul18	Tue Jul19	Wed Jul20	Thu Jul21	Fri Jul22	Sat Jul23	Sun Jul24
1	0000-0029	9750	9505	9725	9555	9690	9630	9645
2	0030-0059	9625	9705	9520	9680	9635	9660	9690
3	0100-0129	9520	9625	9680	9540	9630	9770	9645
4	0130-0159	9725	9660	9645	9520	9705	9555	9750
5	0200-0229	9520	9505	9540	9660	9555	9625	9680
6	0230-0259	9705	9625	9540	17830	9740	9630	9750
7	0300-0329	9615	9630	9625	9660	9690	9725	9520
8	0330-0359	9680	9690	9650	9505	9660	9555	9625
9	0400-0429	9660	9725	17895	9540	9555	17760	9705
10	0430-0459	17710	9625	9555	9505	9595	9520	9680
11	0500-0529	9625	17895	9745	17735	9600	17770	9725
12	0530-0559	9715	9660	9745	9555	17760	9520	17725
13	0600-0629	9680	17725	9595	17750	9520	17760	17770
14	0630-0659	17735	9725	17835	9660	17895	9695	17750
15	0700-0729	9680	17612	9520	17760	9660	17770	17770
16	0730-0759	17725	9595	17895	17835	17750	17835	17895
17	0800-0829	17760	17825	9595	17770	9725	17750	17825
18	0830-0859	17612	9520	17895	17875	17875	17835	17725
19	0900-0929	17710	9685	17612	17835	17710	17760	9615
20	0930-0959	17750	17725	17895	9725	17735	9520	17725
21	1000-1029	17895	17835	9725	17612	9725	17725	9520
22	1030-1059	17760	9520	17750	17760	17725	9615	17835
23	1100-1129	9520	17725	17612	17750	9725	17760	9725
24	1130-1159	9615	17895	9685	17750	17835	17750	17725
25	1200-1229	9695	17695	17835	9520	17735	17612	9595
26	1230-1259	17725	9725	9695	17750	17760	17895	17725
27	1300-1329	9615	9695	17725	17895	17750	9725	17895
28	1330-1359	9520	9605	17735	17760	17835	17710	17770
29	1400-1429	17725	17760	9725	17750	9520	17710	17875
30	1430-1459	17895	9595	17750	17835	17760	17875	17725
31	1500-1529	17795	17795	9505	17875	17795	9715	9715
32	1530-1559	17760	9715	17835	9520	9725	17725	17770
33	1600-1629	9725	17885	17780	17795	9680	17835	17885
34	1630-1659	17895	17725	9505	17760	9715	9520	9565
35	1700-1729	9715	17760	17750	17795	17835	9715	17895
36	1730-1759	17770	9725	9565	17710	9520	17885	17725
37	1800-1829	9670	17795	9690	9715	9505	17725	9725
38	1830-1859	17750	9565	9690	17760	9740	17835	17865
39	1900-1929	9520	17740	17710	9725	17885	9740	17760
40	1930-1959	17770	9505	17865	17835	17750	9715	17895
41	2000-2029	9530	9740	9520	17725	17770	9505	17725
42	2030-2059	9605	17835	17895	9650	9565	17865	17885
43	2100-2129	9740	9605	17725	17710	17740	9530	17895
44	2130-2159	17835	9725	9505	9565	9750	17885	9520
45	2200-2229	9740	17710	9660	17895	9680	9595	9555
46	2230-2259	9505	9725	9750	9520	9525	9565	9660
47	2300-2329	9750	9595	9520	9525	9660	9680	9705
48	2330-2359	9555	9505	9630	9725	9520	9625	9680

* Time is in universal time; frequency is in kilohertz

Table 3. Example of Monitoring Data Obtained during the July 1988 Monitoring Period

Monitoring Station	Date	Time (UTC)	Frequency (kHz)	Class of Emission	Identification	Class of Station	Signal Strength	Bearing	Class of Bearing	Broadcast Interferred Frequency	Language	Broadcast Administration	Antenna Identification
BK	070488	0301	11935	AXX	FR		65	068	B	11935=RUSS/RL		HA	250
LV	070488	0317	11935	AXX	NU		S3	319	C	11936=RUSS/RL		HA	250
AN	070488	0317	11935	AXX	NU		S3	293	B	11936=RUSS/RL		HA	250
AL	070488	0310	11935	AXX	VL		S2	029	B	11934=RUSS/RL		HA	250
VB	070488	0310	11935	AXX	VL		S2	034	C	11934=RUSS/RL		HA	250
PS	070488	0349	11970	AXX	A5		S2	045	C	11968=BULG/RFE		G14	250
LR	070488	0349	11970	AXX	A5		S2	046	C	11968=BULG/RFE		G14	250
VB	070488	0349	11970	AXX	A5		S2	043	B	11968=BULG/RFE		G14	250
BK	070488	0316	11970	AXX	ZT		70		D	11970=BULG/RFE		G14	250
BK	070488	0355	11970	AXX	ZT		60		D	11970=BULG/RFE		G14	250
N0	070488	0431	5955	AXX	LK	10E		88	C	5955=LITH/RFE		HD	250
N1	070488	0431	5955	AXX	LK	10E		150	C	5955=LITH/RFE		HD	250
BD	070488	0431	5955	AXX	LK		50	065	B	5955=LITH/RFE		HD	250
BK	070488	0431	5955	AXX	LK		60		D	5955=LITH/RFE		HD	250
N1	070488	0431	5955	AXX	MX	10E		150	C	5955=LITH/RFE		HD	250
N0	070488	0431	5955	AXX	MX	10E		88	C	5955=LITH/RFE		HD	250
BD	070488	0431	5955	AXX	U7		50	092	B	5955=LITH/RFE		HD	250
BK	070488	0401	6115	AXX	U7		70	085	B	6115=CZEC/RFE		B3	100
PS	070488	0441	11825	AXX	A5		S3	045	B	11826=BULG/RFE		G10	50
VB	070488	0441	11825	AXX	A5		S3	046	B	11826=BULG/RFE		G10	50
SS	070488	0441	11825	AXX	A5		S3	049	D	11826=BULG/RFE		G10	50
LR	070488	0441	11825	AXX	A5		S3	047	C	11826=BULG/RFE		G10	50
LV	070488	0414	11885	AXX	LU	4	S3	319	C	11886=UKR /RL		P5	250
FE	070488	0414	11885	AXX	LU	4	S3	307	A	11886=UKR /RL		P5	250
AN	070488	0414	11885	AXX	LU	4	S3	277	B	11886=UKR /RL		P5	250
HL	070488	0414	11885	AXX	LU	4	S3	310	C	11886=UKR /RL		P5	250
LV	070488	0413	11885	AXX	RA		S3	315	C	11886=UKR /RL		P5	250
HL	070488	0413	11885	AXX	RA		S3	311	B	11886=UKR /RL		P5	250
LV	070488	0446	11935	AXX	ML		S2	322	C	11934=RUSS/RL		HA	250
HL	070488	0446	11935	AXX	ML		S2	311	B	11934=RUSS/RL		HA	250
KI	070488	0445	11975	AXX	A5		S3	036	C	11976=????			
BE	070488	0445	11975	AXX	A5		S3	051	B	11976=????			
AL	070488	0445	11975	AXX	A5		S3	042	B	11976=????			
CA	070488	0445	11975	AXX	A5		S3	050	C	11976=????			
LR	070488	0445	11975	AXX	A5		S3	047	C	11976=????			
VB	070488	0445	11975	AXX	A5		S3	046	B	11976=????			
PS	070488	0445	11975	AXX	A5		S3	045	B	11976=????			
SS	070488	0445	11975	AXX	A5		S3	049	D	11976=????			
BK	070488	0531	5955	AXX	BK		65	084	B	5955=RUSS/RL		HD	250
N1	070488	0531	5955	AXX	LK	10E		150	C	5955=RUSS/RL		HD	250
N0	070488	0531	5955	AXX	LK	10E		90	C	5955=RUSS/RL		HD	250
BD	070488	0531	5955	AXX	LK		40	065	B	5955=RUSS/RL		HD	250
BD	070488	0531	5955	AXX	U7		40	098	B	5955=RUSS/RL		HD	250
BK	070488	0510	11780	AXX	77		35	097	A	11780=????			
LR	070488	0511	11855	AXX	B1		S3	045	C	11856=CZEC/RFE		G3B	250
LV	070488	0543	11885	AXX	DU		S2	313	C	11884=UKR /RL		P5	250
HL	070488	0543	11885	AXX	DU		S2	313	B	11884=UKR /RL		P5	250
LV	070488	0501	11935	AXX	BF		S2	322	C	11937=RUSS/RL		HA	250
DS	070488	0501	11935	AXX	BF		S2	325	B	11937=RUSS/RL		HA	250
FE	070488	0501	11935	AXX	BF		S2	313	A	11937=RUSS/RL		HA	250

An example of histograms on the markers RA, BF, and KV observed at stations in Anchorage, Alaska (RA, BF); Sabana Seca, Puerto Rico (KV); and Bockhacken, Germany (KV) are shown in Figure 1. These histograms show the number of instances that a particular bearing from a jammer was observed at a monitoring station. In this figure, all three markers display features in their histogram which indicate that there is only one location that is the source of transmission for each marker. These histograms (as well as most of the others examined) show a distinct mode in the bearings with a small deviation in the distribution indicating that each marker was transmitted from one location.

Once the assumption that a given marker was emitted from a unique location was verified, we were able to initiate the geolocation procedures described in Sowers et al. (1985) to locate the sources of harmful interference. The geolocation procedures rely upon a computer algorithm, FFIX, (Sowers et al. 1985) that utilizes the bearings from three or more monitoring stations to locate the emitter at a point termed the best point estimate or BPE. Because the algorithm treats the data in a statistical manner, an error ellipse or confidence ellipse is associated with the BPE. As described in Sowers et al. (1985), we identify an initial estimate of the location of the jammers for each individual marker observed during a single time block. These results are listed in Appendix A along with the targeted language and broadcaster associated with each individual frequency. Combining the data from different time blocks for one marker as described in the earlier report yields more accurate locations of the jammers. The combined locations (or composite locations) of the jammers are presented in Appendix B.

3. MONITORING CAMPAIGN RESULTS

This section compares changes in the identification markers and jammer locations with those observed in previous monitoring campaigns. Statistics on the broadcasters and languages affected by harmful interference during the July 1988 monitoring program are also presented.

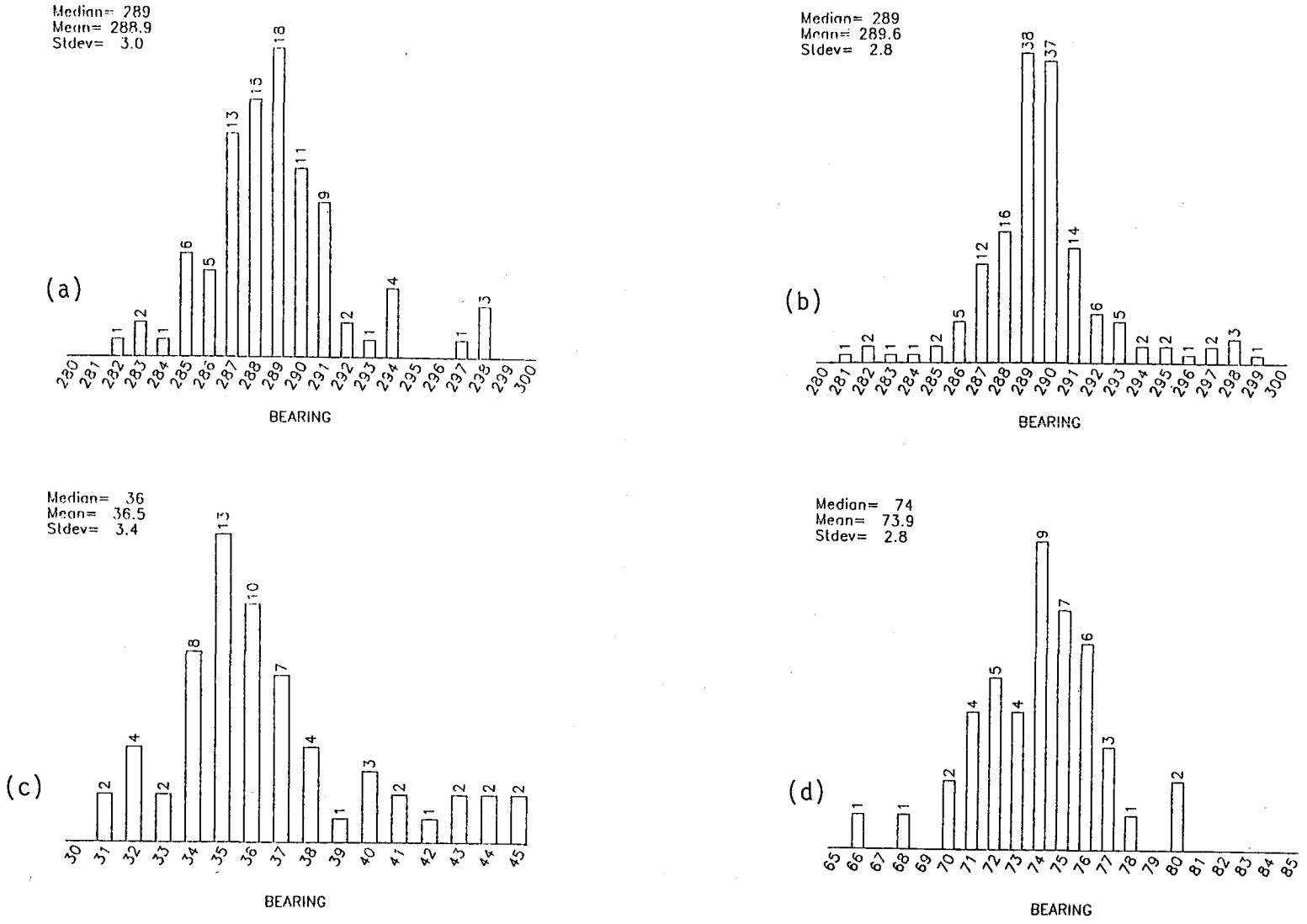

Figure 1. Histograms showing the numbers of bearings recorded at Anchorage, Alaska on Markers RA (a), and BF (b) and histograms of bearings on marker KV at (c) Sabana Seca, Puerto Rico, and (d) Bockhacken, Federal Republic of Germany.

3.1. General Results

The locations of the emitters of harmful interference that were observed during the July 1988 monitoring campaign are illustrated in Figures 2 and 3. In these figures, the alphanumeric marker associated with the jamming observations is centered on the best point estimate of the emitter. A comparison of these figures to those in previous reports will show that although the markers used to identify the jamming sources are quite different from those observed during previous monitoring periods, the general locations of the jammers have not changed drastically.

Most of the emitters shown in Figures 2 and 3 are located in the Soviet Union and Eastern Bloc countries. The majority of the markers tend to group in the Western portion of the Soviet Union with a large grouping of markers around Moscow (55.8 N, 37.7 E) and Leningrad (59.9 N, 30.4 E) and a few in the Ukrainian and Lithuanian regions. However, there appear to be fewer markers located in the Ukrainian and Lithuanian regions than noticed in previous monitoring programs. There are also several markers in the southern Soviet Socialist Republics of Kazakh and Uzbek.

Previous monitoring reports (Sowers et al., 1987) show that many jammers identified with letter-number markers were located in the Soviet Union and were identified as jamming Polish language broadcasts. These jammers are no longer present and do not appear in Figure 2. An inspection of Appendix A shows that most of the jammers in the Soviet Union were targeted primarily against Russian and Russian dialect broadcasts, with the exception of a few Czechoslovakian (NK, ZT) and Bulgarian (GF) language jammers.

In addition to the Soviet markers, there are groupings of markers located in Czechoslovakia (S5, R9, U7, B1) and Bulgaria (A5, L4, G3) seen in Figure 2. These Eastern Bloc markers did not appear to change from those observed during the June 1986 monitoring program (Sowers et al., 1987) in either location or targeted languages. As seen in Figure 3, another group of markers is located in the eastern portion of the Soviet Union near the cities of Khabarovsk (48.5 N, 135.1 E) and Komsomolsk (51 N, 137.0 E). Two other jammers were located in the Soviet far east further north of Khabarovsk near the city of Magadan (60.0 N, 151.0 E) and another on the Kamchatka Peninsula.

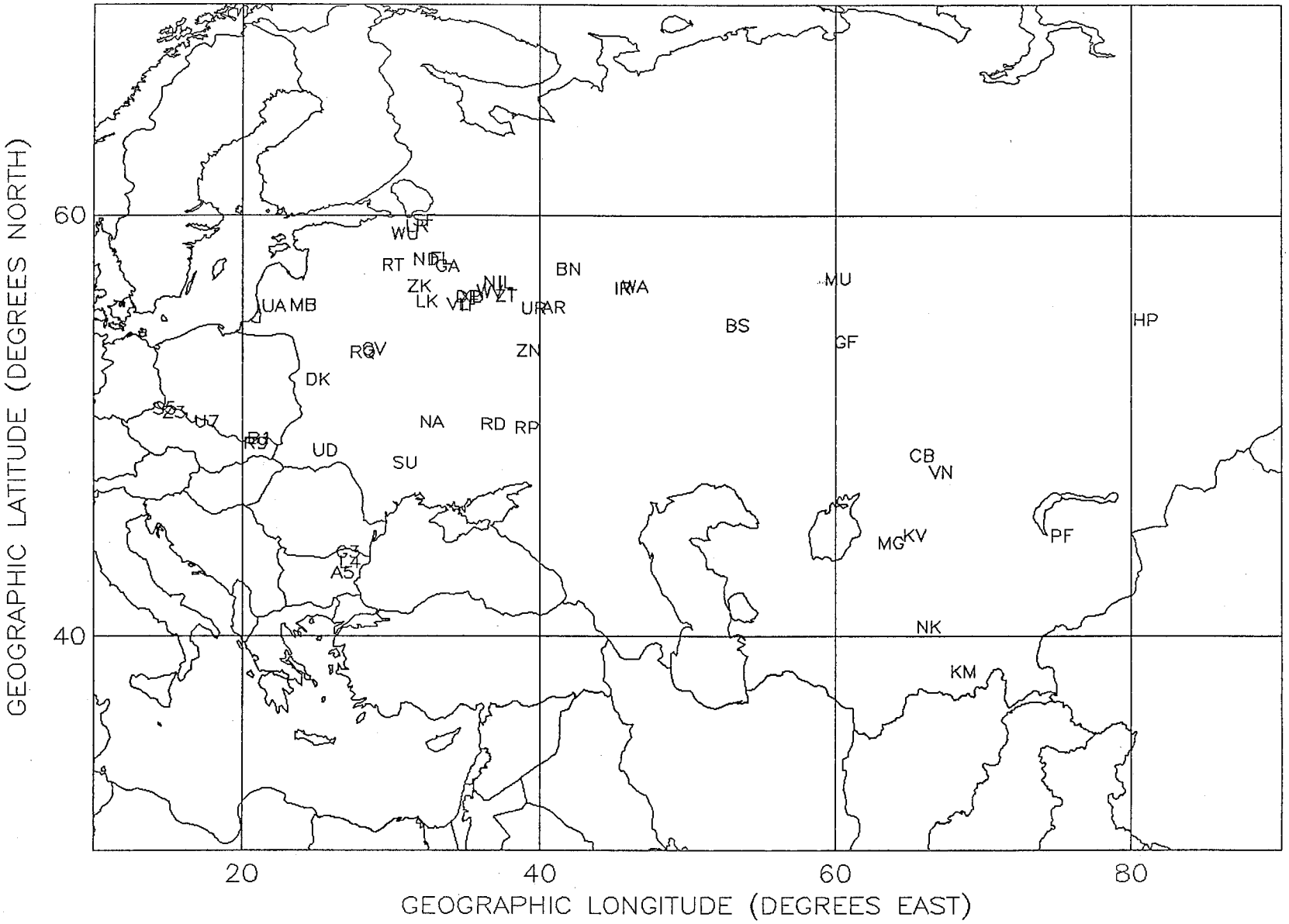

Figure 2. Locations of emitters of harmful interference indicated by Marker ID, in Eastern Europe and the Soviet Union during July 1988.

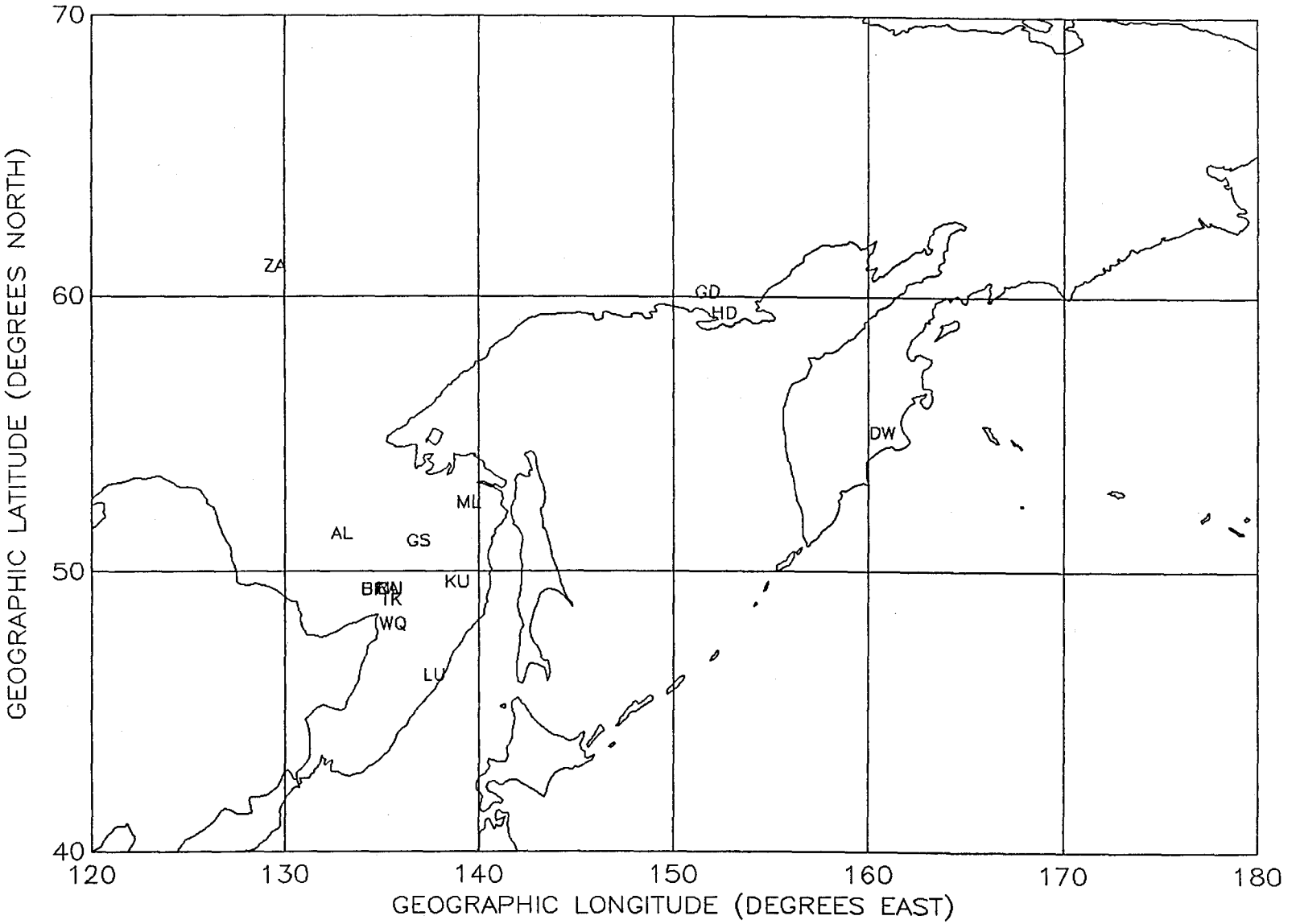

Figure 3. Locations of emitters of harmful interference indicated by Marker ID, in the Eastern Soviet Union and China during July 1988.

The markers shown in Figures 2 and 3 are associated with confidence ellipses, which give an indication of the amount of uncertainty in the BPE. The confidence ellipses are given in Appendixes A and B and a few are illustrated in Figure 4. This figure illustrates the BPE in the center of the 90 percent confidence region for the markers SF, FL, RT, and RD. The markers shown in Figures 2 and 3 illustrate only the markers from Appendix B that were located within a reasonable degree of accuracy (800 x 200 nautical miles) as described in Sowers et al. (1985). Table 4 provides a list of the BPE of the locations of each marker shown in Figures 2 and 3 along with the appropriate ITU country code symbol for the country in which each marker is located.

The changes in the markers used to identify the sources of jamming make comparisons to the previous monitoring periods more difficult; however, it is still interesting to note that 61 of the 69 jammers observed (88 percent) were located in the Soviet Union. In the previous four monitoring periods, the percent of jammers located in the Soviet Union ranged from 74 percent in October 1984, to 82 percent in June 1986. Fewer numbers of jammers, however, were located in the Soviet Union, 61 in July 1988 compared to 81 in June 1986. Roughly the same number of jammers were located in Czechoslovakia and Bulgaria as were observed before.

3.2. Statistical Results

Table 5 provides a listing of all the markers (jammer identifications) that were observed during July 1988. Only observations made for the specific times and frequency bands given by the IFRB monitoring schedule are included in the listing. The markers included in this table were observed at least five times during the monitoring period. The numbers given beside the markers denote the number of observations; the two asterisks indicate that harmful interference was observed on frequencies for which no marker was present or the marker could not be identified. During the July 1988 monitoring period, 152 unique markers associated with jamming were observed on at least five different occasions during the course of the monitoring. This is slightly less than the 157 observed eight times or more during the June 1986 monitoring. Of the 152 markers, 69 were geolocated with reasonable accuracy and are listed in Table 4 with their locations. It can be

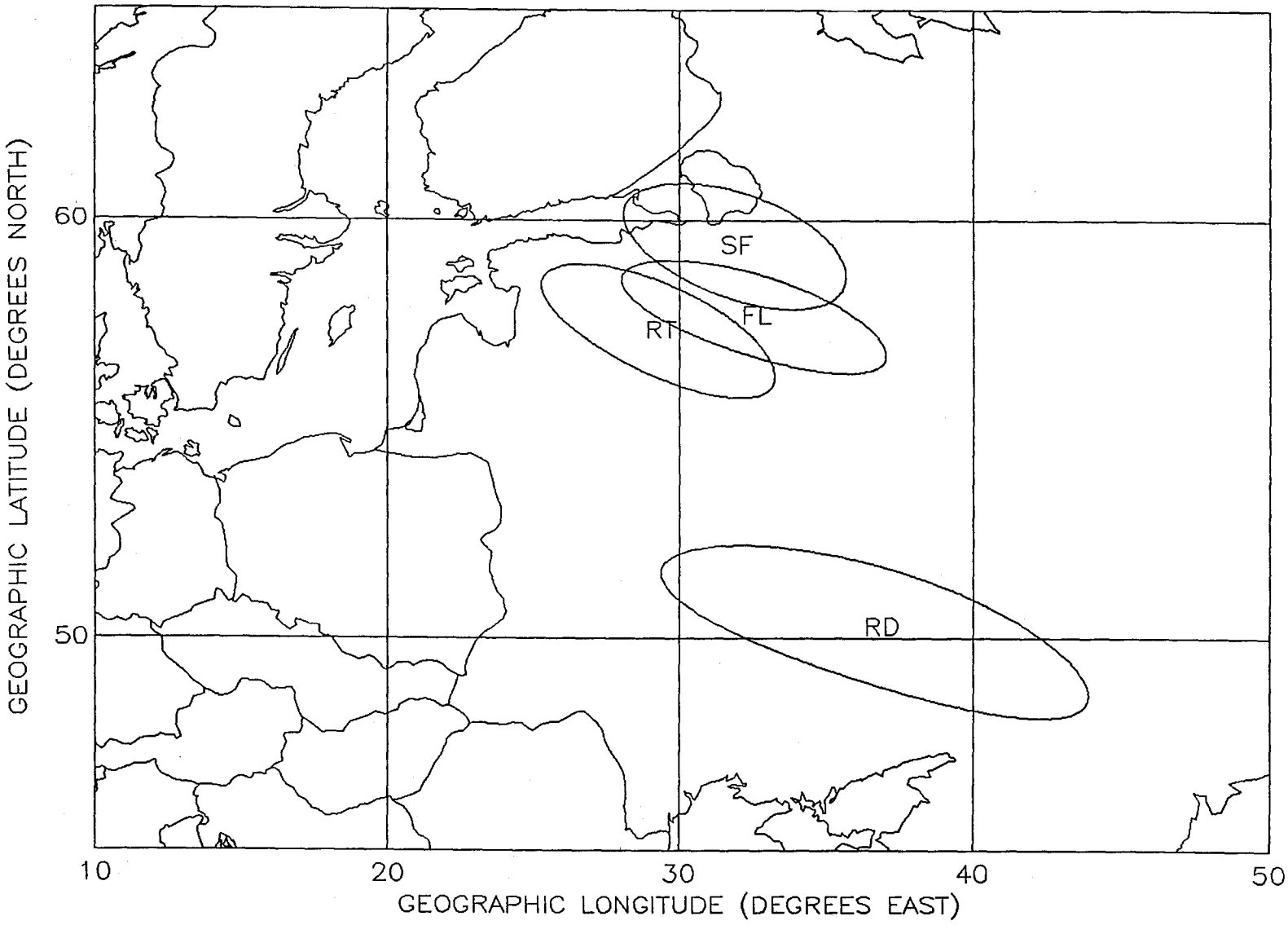

Figure 4. Example of the locations of select jammer emitters and associated confidence ellipses for July 1988.

Table 4. Locations of Emitters of Harmful Interference

Location	Marker	ITU Country Code	Location	Marker	ITU Country Code
42 44N 26 2E	A5	BUL	56 47N 59 13E	MU	URS
51 11N 132 23E	AL	URS	69 13N 29 41E	MX	URS
55 25N 40 8E	AR	URS	50 47N 31 21E	NA	URS
49 10N 20 20E	B1	TCH	57 40N 31 28E	ND	URS
49 10N 133 55E	BF	URS	56 36N 36 10E	NI	URS
57 14N 41 01E	BN	URS	40 12N 65 24E	NK	URS
56 46N 49 52E	BS	URS	49 11N 134 45E	NU	URS
48 22N 64 59E	CB	URS	44 31N 74 30E	PF	URS
51 59N 24 14E	DK	URS	48 55N 20 03E	R9	TCH
55 55N 34 18E	DP	URS	49 12N 134 40E	RA	URS
54 53N 159 59E	DW	URS	50 17N 36 52E	RD	URS
58 41N 61 11E	FG	URS	49 38N 40 26E	RP	URS
58 14N 29 40E	FI	URS	53 17N 27 14E	RQ	URS
55 04N 28 52E	FL	URS	57 24N 29 21E	RT	URS
43 44N 26 18E	G3	BUL	50 37N 13 58E	S5	TCH
57 22N 32 59E	GA	URS	59 24N 31 57E	SF	URS
59 58N 151 6E	GD	URS	47 60N 30 06E	SU	URS
53 48N 59 53E	GF	URS	55 32N 34 27E	TF	URS
58 08N 23 42E	GL	URS	48 48N 134 55E	TK	URS
50 54N 136 17E	GS	URS	56 08N 33 53E	TU	URS
46 52N 37 30E	GU	URS	49 58N 16 46E	U7	TCH
53 26N 28 3E	GV	URS	55 28N 21 17E	UA	URS
59 13N 151 56E	HD	URS	48 36N 24 42E	UD	URS
54 50N 80 2E	HP	URS	55 23N 38 40E	UR	URS
56 36N 37 9E	IL	URS	55 34N 33 46E	VL	URS
56 20N 45 01E	IR	URS	63 56N 91 47E	VN	URS
38 06N 67 41E	KM	URS	55 07N 46 42E	WA	URS
49 25N 138 13E	KU	URS	47 56N 134 53E	WQ	URS
44 32N 64 33E	KV	URS	59 00N 30 07E	WU	URS
43 15N 26 30E	L4	BUL	56 10N 35 45E	WV	URS
55 43N 31 37E	LK	URS	55 20N 34 21E	XD	URS
59 15N 30 58E	LR	URS	50 45N 14 49E	Z3	TCH
46 6N 137 7E	LU	URS	60 52N 128 53E	ZA	URS
49 16N 20 09E	M3	URS	56 25N 31 05E	ZK	URS
55 31N 23 29E	MB	URS	53 23N 38 22E	ZN	URS
44 11N 62 50E	MG	URS	55 59N 36 56E	ZT	URS
52 18N 138 52E	ML	URS			

* ITU Country codes: URS - Soviet Union, TCH - Czechoslovakia
BUL - Bulgaria.

Table 5. Jammer Identification Markers Observed during the July 1988 Monitoring Period, Sorted Alphabetically (a) and Numerically (b)

(a)

152

** 77 A5 AB AG AL AM AN AR AU AV AW B1 BA BD BF BL BM BN BR
BS BT CA CB D3 DA DF DK DM DN DP DU DW FG FI FL FR FT FU G3
G7 GA GD GF GL GM GR GS GU GV GW HA HD HM HP IL IN IR K7 KB
KD KF KL KM KR KT KU KV L4 L8 LD LF LG LK LM LR LU LV M3 M7
MA MB MG ML MR MS MU MW MX N9 NA ND NI NJ NK NS NU PF PK PL
PM R6 R9 RA RD RP RQ RS RT S5 SB SF SG SK SM SU TF TK TR TU
U7 UA UB UD UN UR VA VI VK VL VM VN VR VU WA WG WK WQ WR WU
WV XD XI XN XW Z1 Z3 ZA ZK ZM ZN ZT

2408:**	28:77	109:A5	12:AB	81:AG	60:AL	35:AM	14:AN	1195:AR	11:AU
19:AV	14:AW	60:B1	14:BA	24:BD	762:BF	65:BL	16:BM	24:BN	14:BR
60:BS	26:BT	6:CA	103:CB	53:D3	95:DA	7:DF	166:DK	31:DM	5:DN
200:DP	22:DU	54:DW	42:FG	46:FI	55:FL	11:FR	10:FT	19:FU	76:G3
18:G7	146:GA	332:GD	242:GF	30:GL	7:GM	11:GR	87:GS	26:GU	230:GV
22:GW	10:HA	151:HD	27:HM	193:HP	233:IL	16:IN	37:IR	144:K7	90:KB
6:KD	28:KF	13:KL	34:KM	5:KR	6:KT	83:KU	819:KV	240:L4	13:L8
59:LD	440:LF	7:LG	606:LK	63:LM	195:LR	89:LU	7:LV	30:M3	17:M7
18:MA	23:MB	832:MG	98:ML	29:MR	17:MS	249:MU	9:MW	25:MX	10:N9
59:NA	18:ND	209:NI	7:NJ	383:NK	13:NS	338:NU	82:PF	11:PK	170:PL
8:PM	6:R6	390:R9	560:RA	55:RD	40:RP	110:RQ	7:RS	50:RT	84:S5
8:SB	46:SF	19:SG	87:SK	12:SM	454:SU	127:TF	87:TK	20:TR	65:TU
150:U7	236:UA	6:UB	213:UD	12:UN	440:UR	93:VA	27:VI	59:VK	31:VL
119:VM	102:VN	5:VR	5:VU	26:WA	28:WG	63:WK	167:WQ	50:WR	72:WU
134:WV	21:XD	26:XI	80:XN	6:XW	37:Z1	60:Z3	122:ZA	61:ZK	84:ZM
31:ZN	402:ZT								

(b)

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** AR MG KV BF LK RA SU LF UR ZT R9 NK NU GD MU GF L4 UA IL
GV UD NI DP LR HP PL WQ DK HD U7 GA K7 WV TF ZA VM RQ A5 CB
VN ML DA VA KB LU GS SK TK S5 ZM KU PF AG XN G3 WU BL TU LM
WK ZK AL B1 BS Z3 LD NA VK FL RD DW D3 RT WR FI SF FG RP IR
Z1 AM KM DM VL ZN GL M3 MR 77 KF WG HM VI BT GU WA XI MX BD
BN MB DU GW XD TR AV FU SG G7 MA ND M7 MS BM IN AN AW BA BR
KL L8 NS AB SM UN AU FR GR PK FT HA N9 MW PM SB DF GM LG LV
NJ RS CA KD KT R6 UB XW DN KR VR VU

2408:**	1195:AR	832:MG	819:KV	762:BF	606:LK	560:RA	454:SU	440:LF	440:UR
402:ZT	390:R9	383:NK	338:NU	332:GD	249:MU	242:GF	240:L4	236:UA	233:IL
230:GV	213:UD	209:NI	200:DP	195:LR	193:HP	170:PL	167:WQ	166:DK	151:HD
150:U7	146:GA	144:K7	134:WV	127:TF	122:ZA	119:VM	110:RQ	109:A5	103:CB
102:VN	98:ML	95:DA	93:VA	90:KB	89:LU	87:GS	87:SK	87:TK	84:S5
84:ZM	83:KU	82:PF	81:AG	80:XN	76:G3	72:WU	65:BL	65:TU	63:LM
63:WK	61:ZK	60:AL	60:B1	60:BS	60:Z3	59:LD	59:NA	59:VK	55:FL
55:RD	54:DW	53:D3	50:RT	50:WR	46:FI	46:SF	42:FG	40:RP	37:IR
37:Z1	35:AM	34:KM	31:DM	31:VL	31:ZN	30:GL	30:M3	29:MR	28:77
28:KF	28:WG	27:HM	27:VI	26:BT	26:GU	26:WA	26:XI	25:MX	24:BD
24:BN	23:MB	22:DU	22:GW	21:XD	20:TR	19:AV	19:FU	19:SG	18:G7
18:MA	18:ND	17:M7	17:MS	16:BM	16:IN	14:AN	14:AW	14:BA	14:BR
13:KL	13:L8	13:NS	12:AB	12:SM	12:UN	11:AU	11:FR	11:GR	11:PK
10:FT	10:HA	10:N9	9:MW	8:PM	8:SB	7:DF	7:GM	7:LG	7:LV
7:NJ	7:RS	6:CA	6:KD	6:KT	6:R6	6:UB	6:XW	5:DN	5:KR
5:VR	5:VU								

seen in Table 5 that the number of unidentified observations of harmful interference is about one and a half times greater than the most frequently occurring marker. No geolocation attempts were made to locate the unidentified sources of jamming beyond what is listed in Appendix A.

Table 6 provides an overview of the jamming noticed against each broadcaster. The information in this table provides a breakdown by language for each broadcaster affected by harmful interference. The first column under each broadcaster (labeled 0 - 10) compares the total number of time blocks during which jamming was observed against a scheduled language service to the number of time blocks that the language was included in the specific frequency schedule for examination during the first 10 minutes of the half-hour time block. For example, Radio Liberty (RL) Russian was scheduled for monitoring in 430 different time blocks, all of which were observed to have jamming at one or more monitoring site.

The second column under each broadcaster in Table 6 is labeled 11-29 and indicates the number of time blocks for which jamming was observed on a particular language during the remaining 20 minutes of each time block. Again, jamming was noted against RL Russian services by at least one monitoring site in 935 different time blocks during the three weeks of monitoring. The last column under each broadcaster labeled "Jams" simply lists actual number of observations of jamming at all monitoring stations. The 9660 jams listed under RL Russian in the table are a count of all the jams observed during the 3 weeks of monitoring at all monitoring sites. The totals listed for each broadcaster entry give the statistics for each broadcaster irrespective of language.

The results presented in Table 6 illustrate which of the broadcasters were the primary targets of intentional harmful interference. It can be seen that RL was targeted for harmful interference on all of its Russian and Russian dialect broadcasts. Radio Free Europe continued to be jammed on most Eastern Bloc languages. The RFE Polish services are no longer heavily jammed and were not monitored extensively. The BBC Russian and Eastern Bloc languages were quite heavily jammed in June 1986 (Sowers et al., 1987), but were only jammed irregularly on their Russian and Polish broadcasts during the July 1988 monitoring program. The instances of irregular jamming could be due to jamming of other co-channel or adjacent-channel broadcast opera-

Table 6. Summary of the Specific Broadcasters and Languages That Were Observed to be Jammed during the July 1988 Monitoring Period

BBC British Broadcasting Corporation

	0-10	11-29	Jams
RUSS	5/ 10	15	44
POLI	1/ 3	2	4
Total	6/ 13	17	48

VOA Voice of America

	0-10	11-29	Jams
PASH	10/ 13	17	53
ARAB	18/ 40	13	40
DARI	3/ 3	12	19
AMHA	4/ 5	3	18
URDU	4/ 10	3	12
HIND	4/ 7	1	6
Total	43/ 78	48	148

RFE Radio Free Europe

	0-10	11-29	Jams
CZEC	92/ 96	277	1366
BULG	27/ 28	142	680
HUNG	9/ 10	167	317
LITH	11/ 11	51	217
EST	7/ 7	47	194
LAT	6/ 6	50	185
PASH	4/ 4	20	87
ROMA	2/ 3	35	76
DARI	4/ 4	14	74
POLI	2/ 4	17	44
Total	164/173	580	3240

RL Radio Liberty

	0-10	11-29	Jams
RUSS	430/430	935	9660
UKR	42/ 42	278	1235
KAZA	12/ 12	48	244
AZ	11/ 11	65	207
ARM	9/ 9	48	161
BR	8/ 8	45	158
GEOR	7/ 7	43	144
TB	6/ 6	48	142
UZBE	7/ 7	41	142
TAJI	9/ 9	28	126
TURK	3/ 3	18	62
KIRG	4/ 4	10	29
Total	548/548	980	12310

DW Deutsche Welle

	0-10	11-29	Jams
RUSS	41/ 44	139	1089
DARI	6/ 9	16	77
PASH	3/ 3	19	65
Total	50/ 56	163	1231

IBA KOL Israel

	0-10	11-29	Jams
RUS	43/ 59	78	275
EUR	11/ 22	14	53
ARAB	1/ 4	2	3
EEUR	0/ 1	1	1
Total	55/ 86	95	332

IRN Iran

	0-10	11-29	Jams
IRAN	27/ 49	47	180
Total	27/ 49	47	180

IRQ Iraq

	0-10	11-29	Jams
IRAQ	2/ 5	0	5
Total	2/ 5	0	5

???? Unknown

	0-10	11-29	Jams
????	0/ 0	387	1167
ALB	0/ 0	3	6
Total	0/ 0	390	1173

* All IBA languages refer to service area, actual languages used are unknown.

** Key to languages:

ALB - ALBANIAN
AMHA - AMHARIC
ARAB - ARABIC
ARM - ARMENIAN
AZ - AZERBAIJANIAN
BR - BYELORUSSIAN
BULG - BULGARIAN
CZEC - CZECHOSLOVAKIAN
DARI - DARI
EST - ESTONIAN
GEOR - GEORGIAN
HIND - HINDI
HUNG - HUNGARIAN
KAZA - KAZAKH
KIRG - KIRGIZ
LAT - LATVIAN
LITH - LITHUANIAN
PASH - PASHTO
POLI - POLISH
ROMA - ROMANIAN
RUSS - RUSSIAN
TAJI - TAJIK
TB - TATAR BASHKIR
TURK - TURKMEN
UKR - UKRAINIAN
URDU - URDU
UZBE - UZBEK

*** The totals indicated at the end of columns labelled 11-29 indicate the total number of time blocks jammed irrespective of the number of languages jammed in a given time block.

tions. Jamming was no longer noticed on the VOA Russian and Eastern Bloc languages. Jamming, however, was observed against VOA Arabic and Afghani language broadcasts along with sporadic jamming against VOA Urdu, Hindi, and Amharic language broadcasts. 1089 jams against Deutsche Welle Russian services shows a decrease in jamming from June 1986. DW Eastern Bloc languages are also no longer heavily jammed. The Israel Broadcast Administration (IBA) was jammed on its services into Russia, however, not at the same levels reported in the June 1986 monitoring report.

In the report on the June 1986 monitoring program (Sowers et al., 1986), we discussed the effects of jamming on broadcasts that were not specifically targeted for jamming. These broadcasts were termed "third party" broadcasts for the supposed interference to their services from jamming signals aimed at other broadcasts. In this report we do not address the issue of "third party" jamming because, in the jamming environment of July 1988, there are not a significant number of "third party" broadcasts into the European area operating co-channel or adjacent-channel to known jammed broadcasts.

In order to make an assessment of the amount of jamming targeted against HF broadcasters during the July 1988 monitoring program, we compiled statistics on the numbers of jammer markers used to jam RFE and RL broadcasts. Table 7 presents these statistics for June 1986 and July 1988. Table 7a, in particular, shows the number of markers used against all RFE broadcasts that were included in the schedule of specific frequencies. During June 1986, nearly four (3.63) markers on average were observed targeted against RFE programs. In July 1988 this number was closer to three (3.02). The first column in Table 7 for RFE shows the actual number of markers and the second and third columns show the number of time blocks and (percent) number of time blocks respectively during which a particular number of markers were observed to jam an RFE broadcast. The maximum number of jammers recorded against an RFE broadcast was 9. Columns 4 and 5 show the same results for the July 1988 monitoring.

In Table 7a for June 1986 it can be seen that during 33 of the 222 (approximately 15 percent) monitored RFE time blocks, a total of five distinct markers were recorded jamming those frequencies. During the July 1988 monitoring period, only 19 of the 173 time blocks (approximately

Table 7. Summary of the Number of Jammer Markers Used to Jam (a) RFE, (b) RL and (c) RL-Russian Broadcasts

(a) All RFE languages

	Jun86 222 time blocks 9 maxximum 3.63 average		Jul88 173 time blocks 9 maximum 3.02 average	
markers				
0	4	1.8%	8	4.6%
1	18	8.1%	24	13.9%
2	38	17.1%	38	22.0%
3	55	24.8%	37	21.4%
4	40	18.0%	35	20.2%
5	33	14.9%	19	11.0%
6	24	10.8%	10	5.8%
7	5	2.3%	1	.6%
8	3	1.4%	0	0.0%
9	2	.9%	1	.6%

****

(b) All RL languages

	Jun86 332 time blocks 14 maximum 6.03 average		Jul88 548 time blocks 16 maximum 5.23 average	
markers				
0	1	.3%	0	0.0%
1	9	2.7%	11	2.0%
2	15	4.5%	29	5.3%
3	31	9.3%	78	14.2%
4	36	10.8%	101	18.4%
5	48	14.5%	117	21.4%
6	62	18.7%	68	12.4%
7	34	10.2%	71	13.0%
8	41	12.3%	32	5.8%
9	29	8.7%	22	4.0%
10	13	3.9%	8	1.5%
11	6	1.8%	2	.4%
12	2	.6%	7	1.3%
13	3	.9%	1	.2%
14	2	.6%	0	0.0%
15	0	0.0%	0	0.0%
16	0	0.0%	1	.2%

****

(c) Russian RL

	Jun86 256 time blocks 14 maximum 6.20 average		Jul88 430 time blocks 16 maximum 5.38 average	
markers				
0	1	.4%	0	0.0%
1	8	3.1%	10	2.3%
2	15	5.9%	18	4.2%
3	20	7.8%	55	12.8%
4	22	8.6%	77	17.9%
5	34	13.3%	90	20.9%
6	47	18.4%	56	13.0%
7	25	9.8%	61	14.2%
8	33	12.9%	27	6.3%
9	26	10.2%	18	4.2%
10	13	5.1%	8	1.9%
11	5	2.0%	2	.5%
12	2	.8%	7	1.6%
13	3	1.2%	0	0.0%
14	2	.8%	0	0.0%
15	0	0.0%	0	0.0%
16	0	0.0%	1	.2%

11 percent) of the monitored RFE broadcasts were jammed by five different markers. Tables 7b and 7c show similar statistics for all RL and RL Russian broadcasts. From the results shown in Table 7, we can see that the general trend was toward a reduction in the average number of jammer markers used to jam RL/RFE broadcasts during the July 1988 monitoring period. Figures 5, 6, and 7 illustrate the statistics presented in Table 7. The cumulative distributions of the percent numbers of markers are plotted for the RFE, RL, and RL Russian broadcasts in Figures 5, 6, and 7, respectively. In all three of these figures one can notice a decrease in the number of jammers used in July 1988. It is possible that other factors such as changes in propagation conditions or differences in the manner in which the frequency schedule was set up could account for some of the decrease in the average number of jammers recorded during July 1988.

4. SUMMARY AND CONCLUSIONS

The results presented in this report for the July 1988 monitoring program complement those presented in previous monitoring programs. The jammers located in the Eastern Bloc countries have not changed greatly in location or Morse code identifier. The languages targeted by the individual Eastern Bloc markers have also not changed since June 1986. Although the jammer markers changed quite drastically in the Soviet Union, on average the jamming locales within the Soviet Union did not. During the July 1988 monitoring program we saw significant groupings of jammers in the major cities as well as in the Soviet far east, the Ukraine, the Kazak, and Uzbek Soviet Socialist Republics. During this program we were able to locate 61 jammers in the Soviet Union, 5 in Czechoslovakia, and 3 in Bulgaria. Slightly fewer jammers were located in the Soviet Union than before and roughly the same number were located in Czechoslovakia and Bulgaria as were noticed before.

The overall level of jamming from the Soviet Union decreased between the June 1986 and July 1988 monitoring programs. Fewer jammers were located and recorded during July 1988, and there was a slight decrease in the average number of jammers targeted against RFE/RL broadcasts. Jamming aimed at VOA, BBC, IBA, and DW broadcasts was also reduced. Polish language

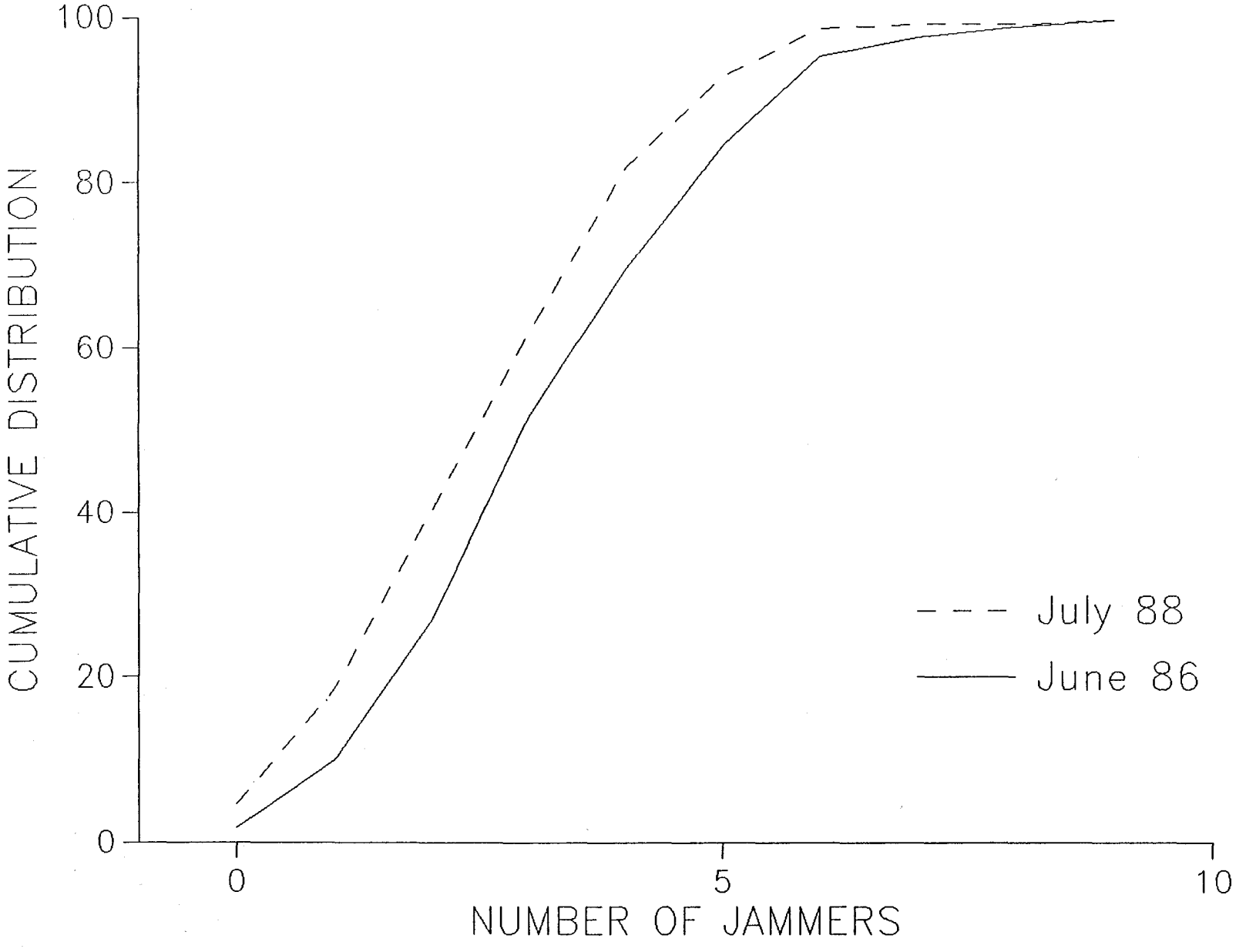

Figure 5. Cumulative distribution of the number of jammer markers recorded on Radio Free Europe's frequencies.

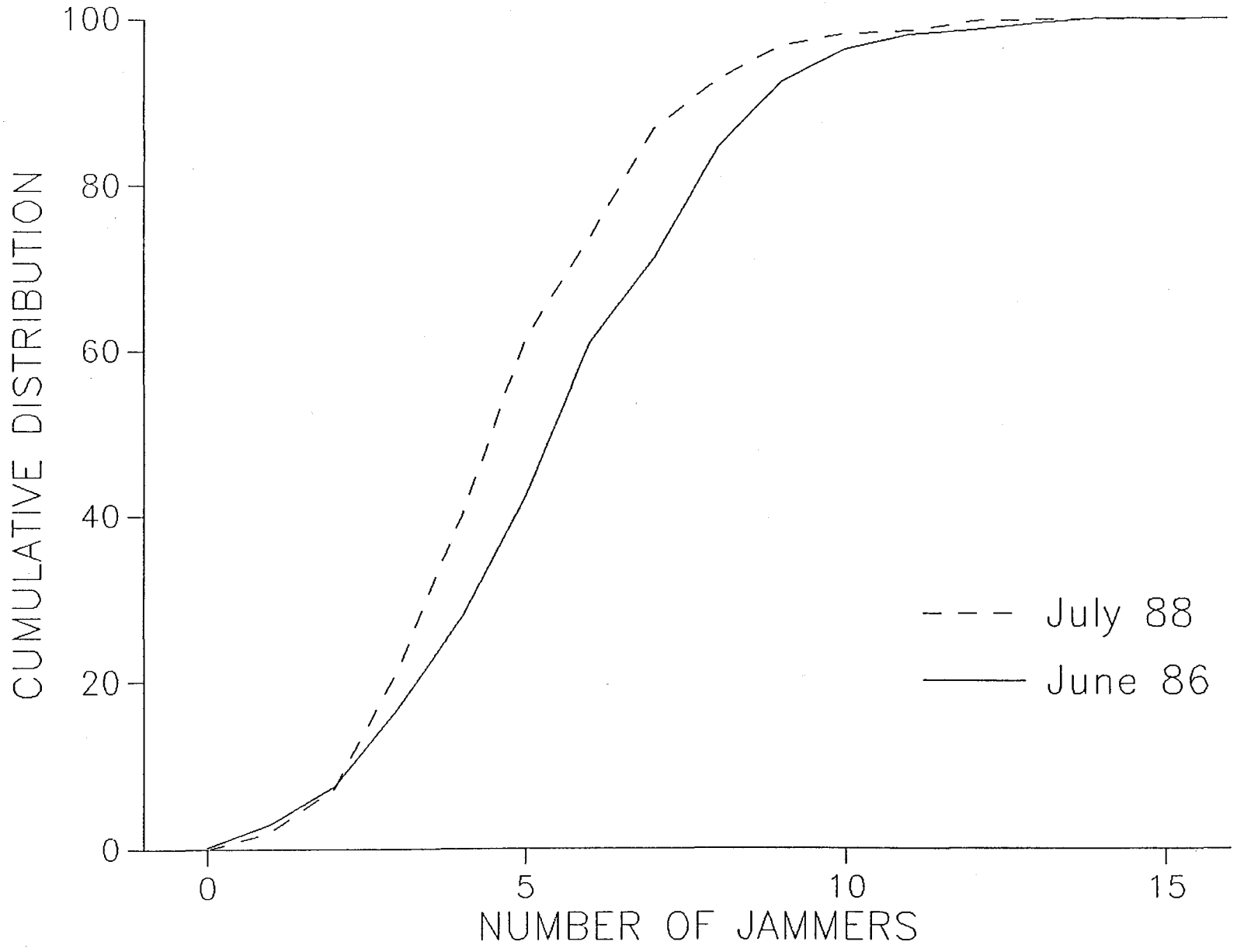

Figure 6. Cumulative distribution of the number of jammer markers recorded on Radio Liberty's frequencies.

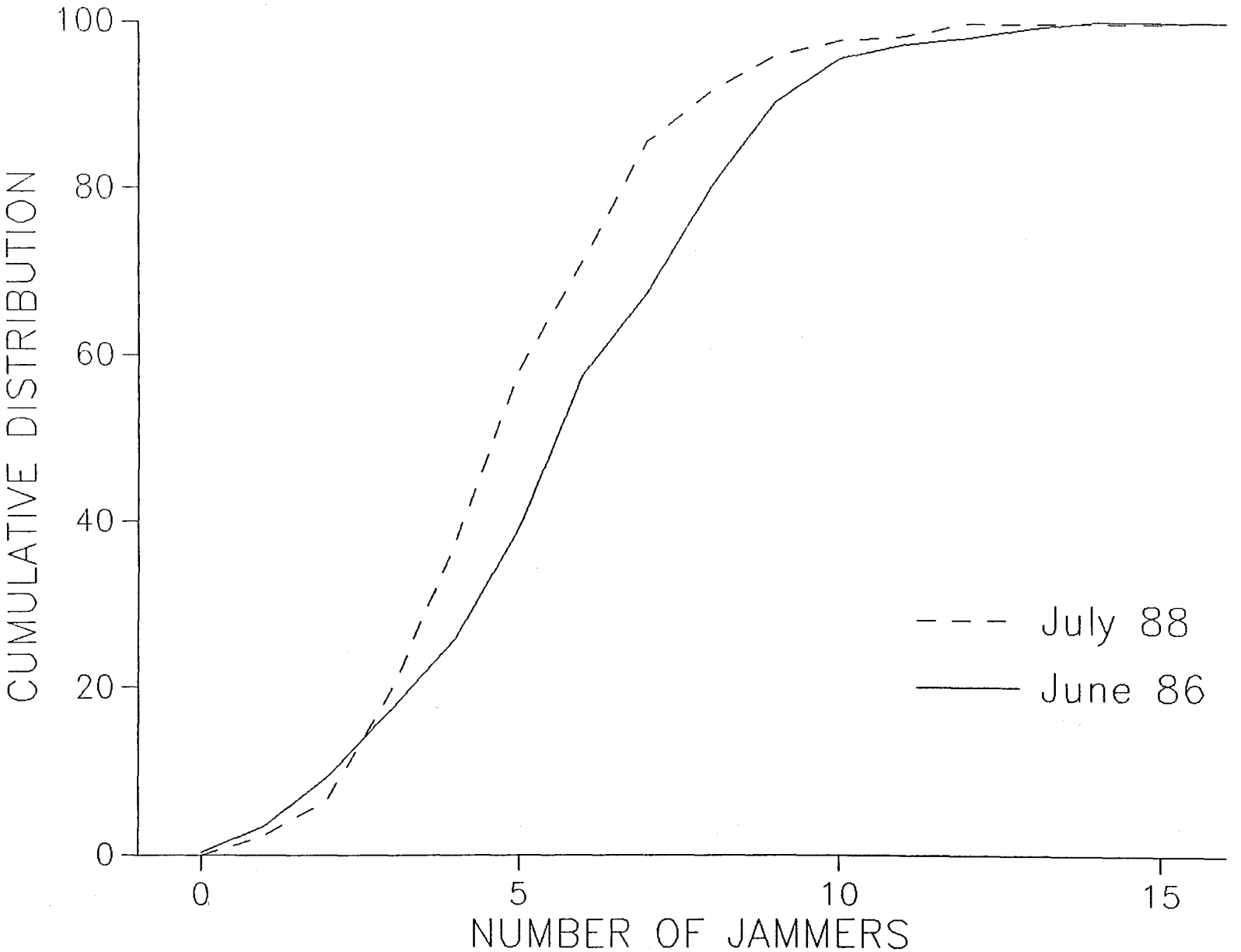

Figure 7. Cumulative distribution of the number of jammer markers recorded on Radio Liberty's Russian frequencies.

services were no longer jammed on any frequencies that were observed to be directed into that country.

With the changed environment in East/West relations, intentional, harmful interference to the high frequency broadcast service has been curtailed dramatically both before and after the most current monitoring period. However, jamming, at any level of activity, is disruptive not only to the targeted broadcast, but also to other HF broadcasts in the region. Because of the long-distance nature of high frequency, sky-wave propagation, jamming transmissions directed into a given area are also likely to be carried beyond those service areas and could potentially create interference to unintended services. It is for these reasons that continued monitoring of harmful interference to the HF broadcast service must continue on a routine basis.

5. REFERENCES

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APPENDIX A

LOCATION OF JAMMERS, TARGETED LANGUAGE, AND BROADCASTER

JULY 1988

SET D file = DDDD # FIXES= 3071 Date= 7/1988

#	ID	DA	TIME	FREQ	LANG	WHO	LOCATION	SMA	SMI	ORIEN	LAT	LONG						
1	**	4	1141	6015	????	????????????		0	0	0	0.00N	0.00E	sl 344B	bu 312B				
2	**	6	0311	6015	????	????????????		0	0	0	0.00N	0.00E	sl 343B	bu 312B	bu 323B			
3	**	7	0041	6015	????	????????????		0	0	0	0.00N	0.00E	bu 312B	sl 343B				
4	**	7	0420	6015	????	????????????		0	0	0	0.00N	0.00E	sl 344B	bu 312B				
5	**	8	0111	6015	????	????????????		0	0	0	0.00N	0.00E	sl 342B	bu 325B	bu 312B			
6	**	8	1211	6015	????	????????????		0	0	0	0.00N	0.00E	bu 312B	sl 343B				
7	**	8	0411	6015	????	????????????		0	0	0	37.94N	126.65E	SL 342B	BU 323B				
8	**	8	0511	6015	????	????????????		0	0	0	0.00N	0.00E	sl 343B	bu 312B				
9	**	9	0611	6015	????	????????????		0	0	0	32.61S	50.83W	BU 0	SL 338B				
10	**	4	2312	6080	????	????????????		4835	750	118	50.22N	24.76E	VB 36C	SS 42C	BE 49C			
11	**	9	2311	6080	????	????????????		4376	870	119	40.26N	21.62E	PS 40D	SS 52C	BE 60C			
12	**	5	1215	6180	????	????????????		0	0	0	37.60N	119.25E	DS 323B	LV 316B				
13	**	11	0940	7105	????	????????????		0	0	0	30.30N	132.35E	FE 301C	HL 294C				
14	**	11	0910	7150	????	????????????		2248	777	55	29.69N	129.93E	AN 286D	FE 297C	HL 294C	LV 303C		
15	**	13	0911	7150	????	????????????		2312	731	61	32.14N	133.64E	HL 295C	DS 310C	LV 310C	FE 298C		
16	**	11	1240	7250	????	????????????		3753	632	38	29.91N	117.05E	LV 316C	HL 293D	AN 287C	DS 324B	FE 308B	
17	**	12	1040	7250	????	????????????		2722	537	43	34.87N	129.73E	LV 309C	HL 298D	FE 301B	DS 318B	AN 284C	
18	**	12	1118	7250	????	????????????		370	243	138	24.40S	78.75E	vb 281C	HL 298D	GI 310D	DS 318B	BE 38C	AN 292C
													KI 49C					
19	**	14	0417	7250	????	????????????		4443	616	117	48.87N	22.23E	SS 43C	VB 41B	BE 51C	LR 42D		
20	**	13	1010	7250	????	????????????		2179	620	53	31.26N	130.49E	LV 306C	FE 302B	HL 295C	DS 313B		
21	**	14	1342	7250	????	????????????		2566	601	38	25.38N	113.51E	LV 315C	HL 293C	FE 309B	DS 319C	AN 289B	ki 268C
22	**	17	1020	7250	????	????????????		2292	769	32	.69N	94.06E	VB 35D	LV 311B	KI 314C	HL 297C	DS 318C	
23	**	22	0348	9430	????	????????????		1214	461	151	1.52S	65.31E	SS 57C	VB 39B	LV 331C	LR 52C	HL 340D	PS 44C
													FE 336C	BE 50C	AN 329C	AL 48A		
24	**	18	1340	9545	????	????????????		0	0	0	0.00N	0.00E	lv 323C	ki 45D	ds 44C			
25	**	22	1040	9555	????	????????????		7731	962	29	13.37N	99.65E	LV 315C	GI 339C	DS 323B			
26	**	23	1440	9560	????	????????????		1749	354	52	52.91N	128.10E	KI 322C	HL 318C	FE 321B	DS 327C	LV 324A	
27	**	18	1110	9570	????	????????????		1273	333	26	13.09S	111.33E	VB 323B	LR 340B	KI 290B	BE 359B	AL 328A	gi 127B
28	**	19	1110	9570	????	????????????		0	0	0	0.00N	0.00E	gi 127B	vb 323B	lr 160B			
29	**	18	1140	9630	????	????????????		1615	394	51	51.04N	130.79E	FE 321C	LV 316B	HL 318C	AN 298C	KI 327C	DS 322B
													gi 147C					
30	**	19	1015	9630	????	????????????		2976	834	61	30.32N	114.02E	LV 315C	HL 298B	DS 321C			
31	**	19	1340	9630	????	????????????		3145	527	34	26.96N	100.62E	DS 327B	LV 322A	HL 299C	AN 302C		
32	**	19	0910	9630	????	????????????		1679	590	59	37.84N	124.94E	KI 324B	HL 303B	LV 318C	FE 310C	DS 321C	
33	**	20	1010	9630	????	????????????		2530	710	48	33.42N	120.01E	FE 310C	LV 318C	KI 325C	HL 299C	DS 319B	
34	**	20	1240	9630	????	????????????		1939	574	39	26.49N	106.60E	AN 297C	LV 321B	HL 298B	KI 332C	DS 329B	FE 321C
													GI 290C					
35	**	21	1142	9630	????	????????????		0	0	0	56.78N	51.22W	KI 35D	GI 46D				
36	**	22	1111	9630	????	????????????		1459	460	46	31.54N	123.28E	KI 313C	HL 297B	GI 323C	FE 312C	DS 319C	AN 284B
													LV 310B					
37	**	21	1010	9630	????	????????????		613	373	13	11.92S	84.48E	VB 32C	AL 42B	SS 36C	LR 38C	KI 28D	HL 294B
													FE 315C	DS 316B	BE 37B	AN 287C	LV 313C	KI 28D
													GI 332D	FE 326C	DS 316B			
38	**	23	1247	9630	????	????????????		6723	594	51	53.41N	133.37E	LV 319B	fe 328B	KI 329C	GI 331D	DS 332B	
39	**	24	0916	9630	????	????????????		1565	252	93	57.49N	172.23W	PS 322B	LV 318B	KI 319C	GI 321D	DS 321B	an 294B
40	**	18	2040	9660	????	????????????		1327	1143	157	22.39N	64.07E	SS 42C	LR 42C	HL 313B	BE 48C		
41	**	19	2110	9670	????	????????????		0	0	0	50.11N	26.39E	SS 41C	PS 38D				
42	**	21	1817	9780	????	????????????		0	0	0	0.00N	0.00E	ds 325B	lv 332B	gi 335D			
43	**	5	1914	11740	????	????????????		0	0	0	41.03N	45.32E	BE 45B	CA 40C				
44	**	7	0541	11770	????	????????????		2355	496	21	9.50N	105.41E	LV 305C	KI 323B	DS 318B	AN 287C	AL 346A	
45	**	6	1459	11775	????	????????????		1944	424	38	29.26N	115.90E	FE 312C	AL 334B	HL 291C	LV 314A	GI 332C	DS 320B
													KI 327C	AN 289C				
46	**	7	1419	11775	????	????????????		1325	461	22	16.28N	106.00E	VB 20B	KI 329C	HL 298B	GI 321C	FE 309C	DS 321B
													AL 340A	LV 311C				
47	**	8	1517	11775	????	????????????		2077	402	20	11.71N	111.45E	GI 332C	LV 314B	VB 338B	PS 337B	KI 328C	FE 311B
													CA 342C	BE 10C	SS 47D	AN 287C	AL 333A	

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48=**  9 1344 11775 ???? ????????????? 1446  400   28  26.35N 114.79E  VB 341C  HL 287C  FE 312B  DS 321A  CA 344C  BE 352C
                                                                       AL 340A  KI 326C
49=** 10 1438 11775 ???? ????????????? 1050  390   22  23.29N 112.08E  BK  67B  VB 341C  LV 316C  LR 344C  KI 327C  FE 312A
                                                                       OS 324B  AL 340A
50=** 10 1342 11775 ???? ????????????? 1597  401   34  19.47N 107.10E  VB 340C  HL 286B  gi 152C  LV 314C  FE 314A  DS 323A
                                                                       AL 340B
51=**  4 1240 11780 ???? ????????????? 2831  700   39  21.20N 110.02E  HL 291C  LV 310B  GI 334D  AN 288C  FE 313B
52=**  5 0548 11780 ???? ????????????? 7958  474  117  54.53N  12.33E  ps 345B  CA  47C  BE  47C  AL  39C  LR  43C
53=**  6 0445 11780 ???? ????????????? 4375  619  127  40.51N  30.45E  VB  44C  SS  52C  LR  44C  CA  55C  BE  51C  PS  44C
54=**  7 0316 11780 ???? ????????????? 1399  759  166  28.88N  47.24E  LV 353C  HL 336B  CA  51C  BE  52B  AN 349C
55=**  7 0415 11780 ???? ????????????? 1459  837  168  32.50N  47.41E  PS  40C  HL 336B  CA  53C  BE  42C  AN 343C  al 349C
56=**  7 0642 11780 ???? ????????????? 9743  778   37   4.22S  97.53E  al  41B  LV 304C  KI 325C  DS 311B
57=**  8 0515 11780 ???? ?????????????  432  311   20  21.17S  85.35E  SS  55C  LV 356D  DS 310B  PS  43B  hl 331B  GI 328B
                                                                       LR  43C  AN 349C  CA  46C  BE  50C  AN 288B  LV 314C
                                                                       DS 310B  GI 330C
58=**  9 0518 11780 ???? ????????????? 1230  489  174  39.45N  34.00E  LR  50D  SS  53C  AN 357A  al 350C  BE  49C
59=** 10 0510 11780 ???? ????????????? 1622  587  150   3.33N  68.46E  SS  49C  GI  22C  BE  51B  FE 311C  al 347C  AN 355C
                                                                       VB  43B  PS  43B  CA  49C
60=**  7 1349 11810 ???? ????????????? 1234   82  162  25.61S  98.61E  VB  19B  BE  30C  AL 346B
61=**  4 1212 11905 ???? ?????????????10191  841   32    .59N  97.92E  LV 308C  FE 313B  AN 288C  DS 314C
62=**  4 0810 11905 ???? ????????????? 2304  787   66  27.49N 124.19E  PS 336C  KI 315C  HL 293B
63=**  6 0711 11905 ???? ????????????? 1777  429   45  27.64N 118.41E  DS 320C  FE 307B  LV 310A  KI 321C  HL 294B  AN 287C
64=**  5 0743 11905 ???? ????????????? 2374  541   47  23.62N 112.46E  LV 311A  HL 292B  DS 318C
65=**  7 0516 11905 ???? ????????????? 1445  372   37  28.06N 120.42E  HL 294B  DS 318C  AN 284A
66=**  6 1840 11905 ???? ????????????? 2626  455   39  21.36N 111.54E  HL 292C  AN 286C  LV 310A  FE 311B  GI 338C  KI 322C
                                                                       DS 317B
67=**  6 2110 11905 ???? ????????????? 2290  618   44  27.39N 122.71E  HL 292C  LV 309B  AN 281C  FE 305B
68=**  6 2244 11905 ???? ????????????? 2252  403   34  23.49N 118.55E  AN 283A  HL 290C  FE 307B
69=**  8 0540 11905 ???? ????????????? 2035  371   35  26.72N 121.05E  LV 309C  HL 292C  DS 322C  AN 283A  FE 297C
70=**  7 2214 11905 ???? ????????????? 2112  376   35  25.66N 120.07E  FE 307B  HL 292C  LV 306C  AN 283A
71=**  8 2219 11905 ???? ????????????? 3353  386   33  25.53N 118.94E  LV 309C  HL 292D  FE 306B  AN 284A
72=** 10 0512 11905 ???? ?????????????    0    0    0   0.00N   0.00E  lv 310D  fe 308C  an 355C
73=**  9 2145 11905 ???? ?????????????  885  328   48  24.65N 119.33E  AN 283A  HL 291A  FE 307B
74=** 10 1821 11905 ???? ????????????? 2489  507   33  15.92N 108.77E  bk   0  LV 310A  LR 344C  KI 322D  gi 146C  FE 306B
                                                                       DS 312C  AL 349B
75=** 10 2111 11905 ???? ????????????? 1550  508   46  27.76N 122.81E  LV 307C  FE 305B  HL 294B  AN 284B  KI 308C
76=**  8 0110 11955 ???? ?????????????    0    0    0   0.00N   0.00E  lv 296C  hl  96C  ds 301B
77=** 13 2240 15155 ???? ????????????? 1491  341   17  31.80N 106.41E  SS   6C  PS 348B  LV 312C  KI 338B  GI 337B  FE 321B
                                                                       DS 329A  CA 358B  BE   2B  AL 350A  LR 357C
78=** 11 2241 15225 ???? ????????????? 1701  434   47  15.58S 114.89E  DS 280C  HL 251B  LV 280A  fe 105B  AN 266A
79=** 12 0841 15240 ???? ?????????????    0    0    0  15.41N  85.72E  SS  41C  HL 295D
80=** 13 1610 15325 ???? ????????????? 1879  493   48  41.83N 126.46E  LV 316B  HL 307C  FE 316C  DS 321B  AN 287C
81=** 13 1610 15445 ???? ????????????? 1786  394   43  40.38N 125.97E  LV 315B  KI 327B  HL 306C  gi 146B  FE 312B  DS 318C
                                                                       AN 288B
82=** 15 1614 15455 ???? ????????????? 2368  369   43  43.73N 131.57E  FE 311B  DS 320C  AN 286B  LV 313C  KI 329C  HL 310D
                                                                       GI 328C
83=** 20 2214 17770 ???? ????????????? 1760  605  149  45.92N  36.18E  LV  15D  FE  12C  DS  25B  BE  46B  AN 356C
84=** 13 1110 21795 ???? ?????????????11428  510   38  42.25N 119.51E  LV 319C  DS 326B  AN 294B
85=** 14 1419  7155 ALB  ???          3577  593   36  30.30N 117.67E  LV 320C  HL 294D  FE 308B  AN 288B
86=** 18 1813  9690 AMHA VOA KAV        0    0    0   0.00N   0.00E  lv 311C  fe 306B  an 290B
87=** 20 1820  9690 AMHA VOA KAV     1306  616   34  23.68N 117.23E  EN  70C  LV 311C  FE 301B  HL 292C  AN 287B
88=** 24 1842  9690 AMHA VOA KAV     2038  645   62  34.67N 124.15E  LV 312B  HL 300B  FE 308C
89=**  8 2001  6015 ARAB VOA           0    0    0  46.91N   9.75E  RO 340C  BU 323B
90=** 11 1211 15150 ARAB VOA           0    0    0  26.31N 110.31E  VB 348C  DS 322B
91=** 16 1213 15150 ARAB VOA           0    0    0   0.00N   0.00E  gi 155B  ki 332B
92=** 12 2110 15245 ARAB VOA        3893  787  133  44.07N  37.75E  SS  43C  LR  43B  GI  28C
93=** 12 0317 15340 AZ   RL  L4  100 1335  669  148  28.01N  46.57E  LR  51C  PS  41C  SS  34D  VB  39C  AN 326D  HL 337B
                                                                       GI 358D  CA  57C  BE  57B
94=** 19 1416 17760 AZ   RL  L3  100    0    0    0   0.00N   0.00E  vb  39C  gi   2C  be  22B  an   2C
95=**  8 0410 11825 BULG RFE G10  50 1030  376  142  32.86S  95.52E  LR  47C  gi  42C  BE  51B  GW 207B
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 96=**   4 2110 11935 BULG RFE G9    50   4125   499   119   52.29N   22.02E   SS  42C  LR  49C  BE  44B  VB  38C
 97=**   7 0342 11970 BULG RFE G14 250   1883   680   140   44.00N   25.46E   lv  50C  DS  30B  AN   6C  GI  30C  VB  47B
 98=** 15 0331 15115 BULG RFE G9    50      0     0     0   54.03N   47.07E   RO  50C  BD  67A
 99=** 15 0431 15115 BULG RFE G9    50      0     0     0   32.42S  179.87W   RO  50C  BD   0
100=** 19 1941 17725 BULG RFE G10   50   2089   716   139   43.61N   27.02E   KI  39C  AN   2C  AL  44C  PS  42B
101=** 24 1431 17725 BULG RFE G10   50      0     0     0   28.11S  179.87W   RO  40C  BD   0
102=** 24 2008 17725 BULG RFE G10   50   7382   364   130   39.96N   82.65E   KR  70D  KO  70C  BL  76C  IT  75B
103=** 24 1731 17725 BULG RFE G10   50      0     0     0    0.00N    0.00E   ro 310C  bk   0
104=**  6 0441  6115 CZEC RFE B3    100   4013   693   112   52.68N   16.10E   SS  40C  LR  49D  BE  47C
105=** 12 0418  7245 CZEC RFE G12   50   2967   509   107   50.00N    4.40E   VB  41C  SS  44C  PS  49C  BE  55C
106=** 14 0510  7245 CZEC RFE B7    100   4240   605   116   49.98N   20.46E   VB  39B  PS  41C  SS  43C  LR  46C
107=** 20 1001  9725 CZEC RFE B7    100      0     0     0   20.78S  179.87W   RO  30C  BD   0
108=**  6 2213 11815 CZEC RFE G3    250   5555   447   124   19.91S   22.65E   GI  86B  vb  39B  AL  93A  PS  98A  be  48C
109=**  8 0512 11855 CZEC RFE G3B   250   2859  1156   159   23.39N   54.01E   BE  50C  AN 338C  CA  45C
110=** 11 2311 15255 CZEC RFE G14   250   1721   972   179    2.15N   99.92E   AN 289B  GI 332D  SS  35C
111=** 19 2040 17835 CZEC RFE G11   50    1563   701   157   53.69N   13.08E   PS  39C  KI  36D  AN  11B
112=** 12 1742 21720 CZEC RFE G3B   250   3962   381   108   56.07N     .07W   VB  41C  LR  43B  AL  44B
113=** 12 1401 15290 DARI RFE G15   250   1206   349    46   45.90N  141.48E   RO  40C  KI 324C  HL 320D  gi 143C  DS 319B  AN 280B
                                                                               bk   0
114=** 12 0810 21650 DARI DW              160    44    95   50.63N   26.91E   KO  70C  kr  82A  IT 100B  MU  70B
115=** 17 0831 21650 DARI DW              297    35   104   49.82N   33.34E   KR  85A  ko  80B  IT  95C  bl 100B  MU  75B
116=** 13 1631 15130 EST  RFE G15   250     0     0     0    0.00N    0.00E   gw 318B  sl  25A
117=** 12 1831  7225 EUR  IBA             0     0     0   45.22S  154.72E   RO 110C  BD  78B
118=** 22 0410  9630 EUR  IBA         34316   956    54    1.39N  130.66E   KI 294B  LV 282C  fe 315D  hl  76D  DS 287C
119=**  8 0210 11875 GEOR RL  L6  100     0     0     0   48.36N   34.97E   LR  40C  SS  41C
120=** 15 1840 15340 GEOR RL  L4  100  1102   305   108   56.55N    5.52W   SS  35C  KI  35C  GI  43C  VB  42C  SS  35C  KI  35C
                                                                               fe 306C  DS  35A  an 288B  AL  38C
121=** 12 0411  7130 IRAN IRN             0     0     0   40.46N   36.44E   AN 355D  SS  48C
122=** 12 0243  7130 IRAN IRN          1362   216   101   48.86N   16.36W   VB  44C  AL  66C  SS  52C  PS  50B  LR  56B  GI  55D
                                                                               CA  60C  BE  58C
123=** 12 1901  7130 IRAN IRN           435    67   129   36.97N   37.57E   RO 100C  BD 102B  BL 125B  KR 110C  KO 105B  MU 110B
                                                                               it 130C
124=** 14 0301  7130 IRAN IRN           235    42   132   42.49N   28.14E   n0  70C  BD 104B  n2 140C  BL 130B  IT 125B  KO 105B
125=** 15 0701  7130 IRAN IRN             0     0     0   45.64N   22.96E   RO  60C  BD 104A
126=** 15 1631  7130 IRAN IRN             0     0     0   47.45N   23.11E   RO  50C  BD  98C
127=** 17 1801  7130 IRAN IRN             0     0     0   34.31S  172.73W   RO  30C  BK   0
128=** 12 1731  7215 IRAN IRN             0     0     0    0.00N    0.00E   gn   0   bd 103B
129=** 18 1140  9685 IRAN IRN          2134   648    42   22.72N  106.43E   LV 315C  gi 144C  HL 294B  FE 326C  AN 295C  DS 317B
                                                                               KI 325C
130=** 19 1011  9685 IRAN IRN          2517   781    55   26.55N  113.16E   HL 295B  FE 317C  LV 311C  DS 314C
131=** 19 1218  9685 IRAN IRN          1339   217    66   62.01N   37.14W   PS  33C  GI  38C  BE  35C
132=** 19 1311  9685 IRAN IRN          1999   653    48   27.70N  114.25E   LV 320D  HL 295B  FE 314C  DS 321B  AN 286C
133=** 20 1241  9685 IRAN IRN          2093   661    49   30.70N  112.08E   HL 298B  gi 290C  DS 323C  LV 321B  AN 288C
134=** 20 1011  9685 IRAN IRN          1997   629    54   28.51N  120.39E   FE 306C  DS 317B  GI 314D  KI 324C  HL 294B  LV 315C
135=** 20 1141  9685 IRAN IRN          1176   663     3   14.82S   90.79E   VB  38D  KI 326C  BE  35B
136=** 21 0948  9685 IRAN IRN          1195   596   149    1.06N   62.17E   HL 294B  VB  40C  KI  32D  be  30B  AL  44A
137=** 21 1417  9685 IRAN IRN          1939   623    45   30.32N  110.72E   LV 320B  HL 298B  GI 321C  FE 320B  DS 319C
138=** 22 1112  9685 IRAN IRN          1545   517    53   31.74N  126.56E   KI 310C  LV 307B  AN 282C  HL 297B  DS 313C  FE 312C
139=** 21 1510  9685 IRAN IRN          2552   737    47   32.86N  118.81E   LV 315C  HL 299C  FE 311B  DS 321C
140=** 23 1249  9685 IRAN IRN          7293   548    41   46.35N  122.32E   KI 329C  LV 319B  GI 333D  fe 328B  DS 324C  AN 299C
141=** 24 1019  9685 IRAN IRN          1716   383    50   36.64N  131.54E   LV 311A  KI 310C  HL 298C  GI 311D  FE 305C  DS 313C
                                                                               AN 279C
142=** 12 1935 15130 LITH RFE G15   250     0     0     0    0.00N    0.00E   bk   0   gw 318B
143=** 13 1901 15130 LITH RFE G15   250     0     0     0   56.83N   65.44E   GW 318B  BD  56C
144=**  9 0249 11770 PASH RFE HB    250     0     0     0   41.06N   98.52W   DS  40C  GI 332C
145=** 13 1331 15290 PASH RFE G15   250  1144   356   144   16.59N   68.24E   BD  98A  SS  42C  LV 345C  HL 320C  GI   9C  AN 324C
                                                                               AL  15C  DS 355C
146=** 17 1331  7255 POLI BBC WOOF        0     0     0   38.33S  172.73W   RO  50C  BK   0
147=** 22 0231  9740 RUS  IBA             0     0     0   38.33S  172.73W   RO  50C  BK   0
148=**  5 1813 11705 RUS  IBA          3504   284    48   49.13N  141.55E   LV 315B  DS 314C  AN 284B  FE 312B
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149=**   5 1632 11705 RUS   IBA          3139  250   51  51.28N 143.54E  bk   0   AN 287B  GI 316C  FE 311B  LV 315B  DS 320B
150=**   8 1701 11855 RUS   IBA             0    0    0  55.19N  61.35E  RO  50C  BD  60C
151=** 11 0831 15105 RUS   IBA             0    0    0   0.00N   0.00E  bd 105C  bk   0  gn   0
152=** 11 1640 15105 RUS   IBA             0    0    0  10.73S 105.81E  VB 339B  SS  46C
153=** 14 1231 15105 RUS   IBA             0    0    0  32.42S 179.87W  RO  50C  BD   0
154=** 17 1301 15335 RUS   IBA             0    0    0  34.31S 172.73W  RO  30C  BK   0
155=** 13 0320  7220 RUSS  RL  L2  100     0    0    0  74.57N 172.73W  GW  18B  BK   0
156=** 13 0731  7220 RUSS  RL  L2  100     0    0    0   0.00N   0.00E  gw  18B  ss  39D
157=** 12 1631  7220 RUSS  RL  L2  100     0    0    0  74.57N 172.73W  GW  18B  BK   0
158=** 17 0101  7220 RUSS  RL  L2  100  2367  360   94  56.57N   9.09W  gw  18B  VB  37C  SS  34C  LR  45C  BE  50C
159=** 16 1531  7220 RUSS  RL  L2  100     0    0    0  40.24N 129.00E  GW  18B  GN   0
160=** 15 1931  7295 RUSS  RL  L5  100     0    0    0   0.00N   0.00E  ro  50C  bd  68B  an 289C
161=** 18 1901  9520 RUSS  RL  L1  100     0    0    0   0.00N   0.00E  gw  22B  ro  90C  bd  70B
162=** 18 0201  9520 RUSS  RL  L1  100     0    0    0  43.79N 131.69E  RO  40C  GW  22B
163=** 19 2313  9520 RUSS  RL  L1  100     0    0    0   0.00N   0.00E  vb  39C  ss  36C  gw  22B
164=** 19 1031  9520 RUSS  RL  L1  100     0    0    0  57.04N 144.41E  RO  25C  GW  23B
165=** 20 2001  9520 RUSS  RL  L1  100     0    0    0  61.41N 149.90E  GW  22B  RO  20C
166=** 22 0601  9520 RUSS  RL  L1  100     0    0    0  48.54N 135.08E  RO  35C  GW  22B
167=** 22 1731  9520 RUSS  RL  L1  100     0    0    0  49.50N  88.40W  GW  22B  GI  36C
168=** 24 1001  9520 RUSS  RL  L1  100     0    0    0   0.00N   0.00E  gw  22B  ro  60C  gn   0
169=** 18 2331  9555 RUSS  RL  G8  250     0    0    0  73.00N 172.73W  GW  20B  BK   0
170=** 19 2314  9555 RUSS  RL  G8  250  1617 1016  146  49.87N  35.66E  VB  36C  SS  39C  ds 328C  AN 356C  gw  20B
171=** 21 0005  9555 RUSS  RL  G8  250     0    0    0  39.73N 129.00E  GW  20B  GN   0
172=** 23 0131  9555 RUSS  RL  G8  250     0    0    0   0.00N   0.00E  ro  80C  gw  20B
173=** 22 2242  9555 RUSS  RL  G8  250     0    0    0   0.00N   0.00E  sl   0  gw  20B
174=** 19 0101  9625 RUSS  RL  P4  250     0    0    0   0.00N   0.00E  bk   0  ss  43C  lr  49C
175=** 20 1640  9635 RUSS  BBC CYPRUS     2672  632   36  25.05N 108.88E  GI 328C  HL 293C  AN 295C  DS 322B  LV 321C  FE 313B
176=** 21 1540  9635 RUSS  BBC CYPRUS     3134  773   41  24.40N 108.22E  LV 316B  KI 319C  HL 294C  DS 326B
177=** 22 1642  9635 RUSS  BBC CYPRUS     2378  572   39  35.43N 113.22E  DS 327B  HL 302C  GI 336C  FE 304C  AN 298C  LV 320B
178=** 24 1841  9635 RUSS  BBC CYPRUS     2522  773   53  28.10N 109.92E  LV 316B  HL 297B  FE 315C
179=** 19 0114  9645 RUSS  RL  B8  100     0    0    0  24.37S  85.12E  KI 318C  AN 289B
180=** 23 0712  9680 RUSS  RL  L5  100     0    0    0  14.12S 109.26E  GI 310D  DS 287D
181=** 22 0001  9690 RUSS  RL  G1  250     0    0    0  90.00N  90.00W  BK   0  GN   0
182=** 20 0010  9750 RUSS  RL  P2  250     0    0    0  46.77N  36.95E  SS  42C  AN 355C
183=** 19 2147  9750 RUSS  RL  P2  250     0    0    0  27.16N  76.96E  SS  39C  HL 310C
184=** 10 0131 11725 RUSS  RL  P5  250   691  224  101  45.17N  46.32E  RO  70C  bd   0  DS  20C  VB  33C  PS  35C  SS  36C
                                                                       BE  43B  GI  25C  CA  46C  AL  36C  LR  43C  LV 332C
185=**   4 1019 11770 RUSS  RL  B6  100  1884  398   46  34.57N 125.94E  PS 314C  LV 311A  KI 320B  gi 303C  AN 291C  FE 308C
                                                                       HL 297C  DS 316C
186=**   6 0410 11770 RUSS  RL  HB  250  4818  454   33  12.10S  89.97E  LV 305C  FE 313A  DS 312B  AN 290B
187=**   5 1340 11770 RUSS  RL  B6  100  2339  467   34  22.63N 105.62E  FE 313B  GI 330C  LV 316A  AN 288C  PS 346C  KI 325C
                                                                       HL 296C  DS 355C
188=**   8 0340 11770 RUSS  RL  HB  250   540  338  178  15.70S  95.44E  gw  24B  LR  44C  SS  43C  BE  47B  SS  45C  AL 352A
                                                                       LV 300C  CA  49C  gi 151C  LR  44C  DS 309B  AN 289C
189=**   8 1301 11770 RUSS  RL  B6  100  1298  376   44  48.72N 131.82E  RO  40C  FE 317B  DS 322B  AN 297C  LV 312B  AL 329B
190=**   9 1101 11770 RUSS  RL  B6  100     0    0    0  52.80N 139.46E  RO  30C  GW  23B
191=**   5 0015 11825 RUSS  RL  G3B 250     0    0    0  70.69N 172.73W  GW  23B  BK   0
192=**   8 1401 11825 RUSS  RL  P2  250     0    0    0   0.00N   0.00E  ro 270C  gw 207B
193=** 10 1418 11825 RUSS  RL  P2  250  9403 1055   137  40.84N  47.53E  SS  45D  BE  41C  LR  42C
194=** 10 1740 11825 RUSS  RL  P2  250  7678  536   50  47.08N 136.25E  LV 315B  FE 311B  DS 321C
195=**   8 0210 11855 RUSS  RL  G10  50   750  170   38  30.24S  99.11E  PS 317B  LV 291B  gi 129C  ds 116B  LR  42D  be 161B
                                                                       AN 270B  FE 293B  AL 322B
196=** 10 0001 11855 RUSS  RL  G10  50     0    0    0  49.72N  48.11E  RO  60C  BD  75B
197=**   4 2146 11875 RUSS  RL  L6  100  4512  750   142  34.26N  52.75E  LR  42C  AL  33B  VB  37B  SS  48C
198=**   4 2240 11875 RUSS  RL  L6  100  6376 1097   145  22.87N  68.82E  VB  33D  SS  48C  LR  40C  BE  34C
199=**   7 2242 11875 RUSS  RL  L6  100     0    0    0   0.00N   0.00E  lv 293C  an 330C
200=**   9 2316 11875 RUSS  RL  L6  100     0    0    0  53.30N  42.20E  LR  33C  AN 352B
201=**   4 0715 11885 RUSS  RL  L7  100     0    0    0   0.00N   0.00E  gw  27B  bd  94B
202=**   4 1001 11885 RUSS  RL  L7  100     0    0    0  69.89N 179.87W  BD   0  GW  23B
203=**   7 0612 11885 RUSS  RL  L7  100     0    0    0  66.94N 172.73W  GW  28B  BK   0
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204=**  7 0912 11885 RUSS RL  L7  100  1046  297  165  35.73S 172.73W  BK   0   RO  35C  BK   0
205=**  9 0640 11885 RUSS RL  L7  100  5795  943  154   3.88N  65.08E  LR  48B  GI  20C  gw  28B
206=**  9 0725 11885 RUSS RL  L7  100     0    0    0  66.94N 172.73W  GW  28B  BK   0
207=**  9 1440 11885 RUSS RL  P5  250  1617  518   26   7.59N  90.95E  LV 323A  KI 327C  DS 327B  AN 290C  SS  44C
208=**  4 1813 11905 RUSS DW       2453  445   43  27.54N 118.50E  LV 310A  ki 141C  DS 318B  AN 284C  HL 293C  FE 308B
209=**  5 1820 11905 RUSS DW       2551  667   44  27.55N 117.82E  LV 310B  HL 294C  DS 319C  FE 310C  AN 285C
210=**  8 1501 11905 RUSS DW          0    0    0  50.71N  32.06E  RO  50C  BD  81B
211=**  8 1717 11905 RUSS DW       2499  408   39  28.36N 120.61E  VB 336B  LV 309A  KI 322B  HL 292D  GI 326C  FE 308B
                                                                   DS 316C  AN 286C
212=** 10 1710 11905 RUSS DW        816  379   29   5.78S  93.23E  SS  41D  LV 311A  KI 321C  FE 306B  DS 314C  VB  39C
                                                                   SS  40C  LV 313B  LR  42D  KI 325C  FE 307B  AN 286C
213=**  8 0444 11915 RUSS RL  L7  100  1322  850  166  19.20N  54.10E  lv  42C  an 283D  DS  31B  LR  46C  GI  27C  HL 315B
                                                                   SS  41C
214=**  8 0310 11915 RUSS RL  P1  250  3473  374  134  42.66N  35.97E  LR  42C  SS  42C  BE  50A  GI  27C  AL  38B
215=** 10 0256 11915 RUSS RL  P1  250  7208  650  148  32.61N  53.52E  LR  38C  CA  43C  BE  46B  AL  30B  PS  37D  GI  28C
216=**  4 1901 11935 RUSS RL  P2  250   683  165  155  35.53N  43.00E  BD 105C  N2 145B  N3 152B  N0 115B
217=**  6 0541 11935 RUSS RL  HA  250  2820  490  127  51.62N  24.72E  VB  40C  SS  40C  PS  38C  LR  45C  KI  32C  GI  38C
                                                                   AL  34B
218=**  5 1910 11935 RUSS RL  P2  250  1905 1310    6  27.76N  44.89E  SS  57C  HL 336C  AN 346C
219=**  7 0616 11935 RUSS RL  HA  250   558  421   32  71.46N 172.73W  BK   0  GW  22B  BK   0
220=**  6 1840 11935 RUSS RL  P2  250  1805  813  151  31.96N  31.55E  ps 168B  SS  60C  LV  20D  LR  46C  FE  30B  AN 350C
221=**  8 0240 11935 RUSS RL  HA  250  2484  818  131  49.13N  28.05E  LV  22C  SS  42C  DS  22C  LR  43C
222=**  9 0116 11935 RUSS RL  G9   50  1522  228   89  61.54N  14.20W  SS  35C  PS  41C  LR  44C  GI  10C  BE  41B  AL  45C
223=**  9 0440 11935 RUSS RL  HA  250  1800  765  161  20.55N  54.66E  LV  29C  HL 311C  GI  16D  DS  22C  CA  40C  BE  46B
                                                                   FE   7C
224=** 10 0252 11935 RUSS RL  HA  250  5512  465  137  46.35N  40.79E  PS  36C  KI  26C  VB  35B  AL  30B  GI  33D  BE  44B
                                                                   CA  46C  LR  39C
225=** 10 1940 11935 RUSS RL  P2  250  4467  418  117  53.20N  12.87E  VB  41C  KI  37C  GI  36C  BE  48B  al 348B  LR  46C
226=** 10 2040 11935 RUSS RL  P2  250  1354  411  140  37.01N  43.28E  FE   8D  AL  39C  GI  30C  BE  48A  VB  45C  SS  52C
                                                                   PS  40C  LR  48C  HL 342B
227=**  5 0747 11970 RUSS RL  G3A 250     0    0    0  44.06N 127.19E  GI 329D  DS 323C
228=**  6 0113 11970 RUSS RL  P6  250     0    0    0  73.00N 172.73W  BK   0  GW  20B
229=**  5 1133 11970 RUSS RL  HA  250  1395   77   27  49.50N 135.37E  GW  21B  KI 329C  LV 317B  GI 331C  DS 323B  PS 337C
230=** 10 0021 11970 RUSS RL  P6  250   309  118   55  53.00N  29.51E  gw  21B  RO  40C  AL  35C  LV  37D  VB  35C  PS  35C
                                                                   DS  25C  LR  38C  BE  43A  GI  24D  CA  39C
231=** 11 0610 15115 RUSS RL  G9   50     0    0    0   0.00N   0.00E  fe 308C  ss  40C  lv  13C  ds  10C
232=** 11 0611 15130 RUSS RL  P6  250  1621  965    7   2.87N  97.24E  SS  39C  FE 318C  ds   7C  AN 290B  gw 318B
233=** 11 1010 15130 RUSS RL  P6  250   879   36  136  37.46N 124.20E  AN 288C  VB 335C  ss  39D  lr  49C  GW 318B
234=** 12 0901 15130 RUSS RL  P6  250     0    0    0  14.63S  35.58W  GW 318B  SL 321B
235=** 16 1135 15130 RUSS RL  P6  250     0    0    0   0.00N   0.00E  bk   0  bk   0  gw 318B
236=** 16 0716 15130 RUSS RL  P6  250     0    0    0   0.00N   0.00E  bk   0  gw 318B
237=** 16 1240 15130 RUSS RL  P6  250     0    0    0   0.00N   0.00E  fe 312C  ki 154B  gi 155A  ds 324C
238=** 11 0612 15290 RUSS RL  G15 250  2662  780  136  45.50N  35.13E  PS  41B  LV  20C  an 295C  SS  41C  DS  13C
239=** 11 2111 15290 RUSS RL  P1  250  3121  382  123  55.28N  21.97E  GI  32C  BE  43B  SS  40D  AL  34B  VB  35B  CA  47C
240=** 12 1916 15290 RUSS RL  P1  250  3840  840  129  46.02N  37.30E  VB  36B  SS  45C  ki 323B  GI  31C
241=** 12 0840 15290 RUSS RL  G15 250     0    0    0   0.00N   0.00E  ss  43C  hl 310D  an 289B
242=** 15 1746 15290 RUSS RL  P1  250  1106  260   53  51.02N 143.64E  LV 312B  KI 323C  HL 320C  FE 312C  DS 320B  AN 286B
243=** 15 2116 15290 RUSS RL  P1  250  2025  469  143  54.88N  30.91E  VB  37C  SS  34C  LV  15C  GI  22C  DS  22A
244=** 11 0544 15340 RUSS RL  L4  100  3980  596  113  51.76N  16.53E  SS  40C  LR  43C  VB  41B  CA  46D
245=** 12 0710 15340 RUSS RL  L4  100   711  241   57  46.11N 147.63E  LV 316C  HL 312B  GI 319C  FE 301A  DS 320B  AN 284C
246=** 13 0401 15340 RUSS RL  L4  100  1483  786  151  16.50N  61.86E  bd  65A  SS  40C  PS  45C  LR  51C  GI  39C  KI  41C
                                                                   HL 315C  AN 280D  LV   80  SS  40C  GI 349D
247=** 14 0246 15340 RUSS RL  G15 250  4677 1054  134  52.04N  44.08E  ds  31B  SS  35C  PS  33D  AL  28C
248=** 14 1110 15340 RUSS RL  L4  100     0    0    0  34.33N  61.91E  VB  32C  SS  43C
249=** 14 0916 15340 RUSS RL  L4  100     0    0    0  46.60N  33.56E  GI  31C  SS  43B
250=** 11 0540 15370 RUSS RL  HB  250     0    0    0   0.00N   0.00E  an 291B  ss  39C  vb  38B
251=** 12 0610 15370 RUSS RL  HB  250  5403  387  114  56.11N  14.00E  VB  37C  SS  40D  CA  48D  LR  41B  BE  44B
252=** 12 0548 15370 RUSS RL  HB  250  1291  179   46  49.54N 136.90E  LV 318C  HL 316C  FE 314C  DS 321B  AN 288A
253=** 12 0801 15370 RUSS RL  HB  250  1069  418   61  49.23N 135.56E  bd   0  LV 321C  HL 315B  DS 325B  AN 287C
254=** 14 0640 15370 RUSS RL  HB  250     0    0    0   0.00N   0.00E  an 322C  ds 322B
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255=** 13 1740 15370 RUSS RL  HB  250   571  207   51  42.58N 130.66E  LV 313B HL 308A gi 146B KI 328C FE 311B DS 319B
                                                                       AN 286A
256=** 14 2110 15370 RUSS RL  HB  250     0    0    0   0.00N   0.00E  gi 307B hl 313C an 324C
257=** 11 1240 15380 RUSS RL  P3+ 500     0    0    0  25.39S  97.10E  VB  43B BE  35C
258=** 12 0611 15380 RUSS RL  P3+ 500     0    0    0   0.00N   0.00E  vb  38C ss  42D lr  56C ki 324C
259=** 14 1011 15380 RUSS RL  P3+ 500     0    0    0   0.00N   0.00E  vb  34C ds   9C lv  39C an 287C
260=** 15 1440 15380 RUSS RL  P3+ 500   753  439   16   6.94S  89.98E  VB  29C KI 328C GI  30C AL  35C SS  38C GI 326C
                                                                       FE 319B DS 324B AN 291B SS  38C LV 314B
261=** 15 1713 15405 RUSS DW                0    0    0   0.00N   0.00E  ss  28C gi  21C al  14C
262=** 11 0440 15445 RUSS RL  P2  250  1125  464  162  36.29N  49.73E  AN 349B FE   5C DS  25B PS  38C LR  46B GI  32C
                                                                       SS  42D VB  42C GI 359C AN 344B SS  42C VB  39C
                                                                       GI 323C
263=** 13 0520 15445 RUSS RL  P2  250     0    0    0   0.00N   0.00E  fe 308C an 315C ds 321B
264=** 20 0740 17725 RUSS RL  G10  50     0    0    0  59.92N 179.91W  KI 326C DS 324C
265=** 24 0531 17725 RUSS RL  G10  50     0    0    0  49.84N  53.68E  RO  60C BD  72B
266=** 20 0640 17735 RUSS RL  G2B 250     0    0    0  66.25N 159.33W  GI 328C AN 325C
267=** 19 1911 17750 RUSS RL  HC  250  2279  700   25  46.01N  78.36E  LV 332C HL 325B gi 322C DS 358B AN 328C
268=** 20 0740 17750 RUSS RL  HC  250  2533  299   79  57.64N 172.46E  FE 308C KI 324C LV 318B GI 321C DS 320C
269=** 21 0610 17750 RUSS RL  HC  250 11688 1038   28  18.59N 100.35E  LV 322C GI 345D FE 316B
270=** 22 0740 17750 RUSS RL  HC  250     0    0    0   0.00N   0.00E  lr  18C gi   9D ds 320C
271=** 20 1211 17760 RUSS RL  L3  100  3830  490  151  17.81S  75.05E  GI  17C AL  42B KI  31C
272=** 20 0716 17760 RUSS RL  L3  100  5191  577   57  50.90N 144.03E  LV 316B KI 325C GI 325C DS 320C
273=** 22 0740 17760 RUSS RL  L3  100     0    0    0  15.78S  83.78E  GI 355D DS 319B
274=** 18 1931 17770 RUSS RL  G3A 250     0    0    0   0.00N   0.00E  ro 110C gn   0
275=** 18 1731 17770 RUSS RL  G3A 250     0    0    0  39.44S 172.73W  RO  60C BK   0
276=** 19 1801 17795 RUSS DW                0    0    0   0.00N   0.00E  ro  60C bd  75B bk   0
277=** 19 1610 17885 RUSS RL  G18  10  4096  920  177  29.36N  44.65E  LV  15C gi 355C DS  23C AN 347B
278=** 21 1940 17885 RUSS RL  G18  10  1962  948  171  18.31N  52.71E  lv 317C KI  30C HL 310C ds 322C GI  28B AN 352C
279=** 18 1001 17895 RUSS RL  P1+ 500     0    0    0  70.97N 129.00E  GN   0 RO  20C
280=** 20 1210 17895 RUSS RL  P1+ 500     0    0    0   0.00N   0.00E  ki  33C vb  25C gi  24C
281=** 20 0831 17895 RUSS RL  P1+ 500  1200  141   67  51.58N  35.09E  RO  50C gn   0 GI  26C VB  36C
282=** 22 0631 17895 RUSS RL  P1+ 500     0    0    0  70.97N 129.00E  RO  20C GN   0
283=** 22 1346 17895 RUSS RL  P1+ 500     0    0    0   3.55S  99.42E  GI 332B SS  45B
284=** 23 1231 17895 RUSS RL  P1+ 500     0    0    0   0.00N   0.00E  ro  60C gn   0
285=** 24 1301 17895 RUSS RL  P1+ 500     0    0    0  45.42S 157.55E  RO 110C BD  75B
286=** 16 0731 21510 RUSS RL  HD  250     0    0    0   0.00N   0.00E  gn   0 bd  81B
287=** 14 1140 21735 RUSS RL  G18  10     0    0    0  11.35S 106.90E  PS 332C SS  44C
288=** 16 1101 21745 RUSS RL  G9   50  1387  327  169  34.31S 172.73W  RO  30C BK   0 BK   0
289=** 20 1212 17750 TURK RL  HC  250     0    0    0  57.80N   4.21E  KI  33C GI  36C
290=** 20 2111  9565 UKR  RL  P4  250     0    0    0   0.00N   0.00E  ss  43C gi 311D be  45C an 322B ds 109C
291=** 21 2131  9565 UKR  RL  P4  250     0    0    0  52.10N  37.09E  RO  50C BD  75B
292=**  5 0331 11885 UKR  RL  P5  250     0    0    0   0.00N   0.00E  gw  26B bd  78B
293=**  6 0513 11885 UKR  RL  P5  250  4479  788  141  38.14N  47.74E  SS  44C PS  38C LR  46C AL  32B
294=**  9 0418 11885 UKR  RL  P5  250  1362  428  130  57.24N  23.08E  GI  21C PS  38C LR  59C BE  37C AL  27C DS  22C
                                                                       AN   2C CA  36C gw  27B
295=**  8 2211 11885 UKR  RL  P5  250  2819  643  142  27.45N  51.58E  SS  41C PS  43C HL 310D CA  48B BE  48B AL  43C
                                                                       LR  43C
296=** 11 0512 15380 UKR  RL  P3  250     0    0    0   0.00N   0.00E  fe 308C vb  42B ss  40C
297=** 11 0410 15380 UKR  RL  P3  250  1416  454  179  33.19N  43.86E  HL 312C LV  19C FE  16C LV  19C SS  39D GI  28C
                                                                       SS  44D AN 349A FE  16C VB  35C
298=** 20 1331 17735 UKR  RL  G3  250  1045  201   61  56.54N  38.81E  RO  40C GI  22C VB  32D KI  22C
299=** 16 1331 15435 URDU VOA              428  227  146  39.44S 172.73W  RO  60C BK   0 BK   0
300=** 20 1618  9695 hung RFE B5  100  1998  517   43  36.17N 123.47E  AN 289C GI 326C LV 315C DS 322B HL 301C FE 307B
301=** 21 1110  9695 hung RFE B5  100     0    0    0  62.86N  39.85W  GI  37D BE  32B
302=** 21 1644  9695 hung RFE B5  100  1922  537   51  38.46N 129.80E  DS 321B KI 326B FE 303B HL 301C LV 320C
303=** 22 1643  9695 hung RFE B5  100  2400  693   47  33.35N 120.35E  DS 321C GI 336C HL 300C FE 303C LV 313B
304=**  5 2143 11895 hung RFE G1B 250  3557  667   40  26.77N 120.26E  LV 309B HL 292D FE 306B AN 284C
305=**  6 2146 11895 hung RFE G1B 250     0    0    0  30.40N 122.22E  AN 284C FE 308B
306=**  8 2213 11895 hung RFE G1B 250   329   28    0  53.35N   7.27E  BK   0 VB  39C PS  43C SS  43C CA  47B LR  44C
                                                                       BE  51B AL  42C
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307=**  9 2216 11895 hung RFE G1B 250  1579  456  139  39.39N  37.54E  VB  39B  PS  44C  GI  38C  LR  45C  FE  26C  BE  48B
                                                                       DS  55C  CA  47B  SS  40C  AN 337C
308=** 10 2240 11895 hung RFE G1B 250  5269  553  128  49.63N  26.05E  PS  40C  LR  43B  GI  33C  AL  39C  VB  38C
309=**  9 2040 11725 poli RFE G4  250  2492  315  126  44.07N  20.90E  VB  46B  SS  48C  PS  44B  LR  49B  KI  40B  GI  40B
                                                                       CA  53B  BE  56B  AL  44B
310=** 10 2010 11725 poli RFE G4  250  1288  173   98  53.83N  14.64W  VB  46B  SS  30C  PS  44B  LR  50B  KI  42C  GI  41B
                                                                       CA  53B  BE  55B
311=** 10 1910 11725 poli RFE G4  250  3637  148   84  54.18N  30.19W  VB  40C  LR  48B  KI  41C  BE  55B
312=** 19 1611 17805 poli RFE G4B 250     0    0    0  48.78N   6.81E  SS  44C  GI  43D
313=** 22 0431  9595 roma RFE G1  250     0    0    0  47.28N  22.73E  RO  50C  BD  99B
314=** 10 1910 11770 roma RFE G3  250  1820  435  144  20.55S  91.85E  VB  40C  ss  40C  LR  41C  ki  90B  BE  40B  AN 284C
315=A5  4 0445 11975 ????? ????????????  4844  462  134  38.34N  34.94E  BE  51B  KI  36C  LR  47C  CA  50C  VB  46B  AL  42B
                                                                       SS  49D  PS  45B
316=A5  6 0415 11975 ????? ????????????  3028  275  125  44.45N  21.97E  VB  43B  SS  51C  PS  39B  LR  48C  CA  52B  BE  55A
                                                                       AL  46B
317=A5  8 0416 11975 ????? ????????????  2922  548  133  40.94N  29.72E  KI  37B  SS  48C  DS  28B  LR  50B  PS  42C  GI  38C
318=A5  4 0441 11825 BULG RFE G10  50  6605  662  126  41.21N  28.25E  VB  46B  PS  45B  LR  47C  SS  49D
319=A5  8 0431 11825 BULG RFE G10  50  1454  102  128  40.82N  35.05E  BD 105B  BK 105B  AN 338C  DS  27C  KI  37C  LV  32C
                                                                       PS  44C  SS  48C  LR  44B
320=A5  9 0340 11825 BULG RFE G10  50  7237  418  141  32.41N  41.74E  KI  35C  CA  46C  LR  47B  PS  45B  BE  53B  AL  42A
321=A5  4 0349 11970 BULG RFE G14 250  9623  581  112  50.70N   9.61E  PS  45C  LR  46C  VB  43B
322=A5  6 0343 11970 BULG RFE G14 250  2218  161   87  54.93N  27.82W  VB  42C  PS  41C  CA  55C  BE  53B  AL  48C
323=A5 10 0410 11970 BULG RFE G14 250  1347  478  125  54.94N  16.08E  LR  21C  PS  45C  VB  44B  FE  23D  AN   3C  KI  37C
                                                                       AL  43C
324=A5 18 2119 17725 BULG RFE G10  50  1917  817  163  44.82N  27.53E  LR  47C  DS  24D  AN   2B
325=A5 20 2042 17725 BULG RFE G10  50  1484  530  149  45.69N  22.61E  DS  32B  LV  26C  BE  51C  AN   4B  FE  27C  AL  45C
326=A5 20 2116 17725 BULG RFE G10  50  2190  658  146  44.34N  22.23E  LV  30D  FE  27C  AN   4C  DS  32C  AL  45B
327=A5 21 2011 17725 BULG RFE G10  50  1554  629  150  42.71N  25.05E  LV  27C  DS  36B  VB  42C  AN   2B  LR  47C
328=A5 24 1444 17725 BULG RFE G10  50  1978  871  141  46.51N  24.46E  PS  42C  LR  46C  AN   4C
329=A5 24 2011 17725 BULG RFE G10  50  4404 1089  166  32.46N  32.75E  FE  20C  DS  33C  AN 358C
330=A5 12 1746 21500 BULG RFE G1A 250  3658  287  126  46.09N  21.53E  VB  44B  GI  38B  CA  50B  BE  53A  AL  43C
331=A5  9 2111 11895 hung RFE G1B 250   368   20    0  52.63N   7.27E  BK   0  LR  45D  AL  44C  CA  51C  BE  50B  SS  44C
                                                                       GI  38C  KI  38C  PS  43C
332=AB  5 0910 11905 ????? ????????????  4504  245  119  51.50N  77.70E  KR  60B  MU  60C  ko  50C  IT  65B
333=AB  7 0031  6035 IRAN IRN                0    0    0  54.78N   7.27E  BK   0  BD  54A
334=AG 12 1010  7150 ????? ????????????18183  966   40  29.50N 119.60E  LV 308D  FE 309C  DS 318B
335=AG  6 1210 11905 ????? ????????????  2835  359   32   6.04S  90.33E  FE 321B  LV 309B  GI 331D  DS 324C  AN 290B  GI 330C
                                                                       FE 321B  DS 326B  AN 290B  LV 309A
336=AG  8 1441 11905 ????? ????????????  2828  388   41  45.70N 131.12E  PS 339C  LV 315B  KI 328C  FE 314B  DS 322C  AN 288C
                                                                       VB 346C  AL 331B
337=AG  8 1140 11905 ????? ????????????     0    0    0   0.00N   0.00E  gi 334D  an 285C  fe 321C
338=AG  8 1240 11905 ????? ????????????     0    0    0   0.00N   0.00E  an 294C  fe 321C
339=AG  9 1218 11905 ????? ????????????     0    0    0  51.63N 146.72E  FE 310C  DS 321B
340=AG  9 1140 11905 ????? ?????????????16526  850   32  21.22N 111.81E  FE 310B  DS 318C  AN 288C
341=AG 10 1146 11905 ????? ????????????  7411  460   31  18.01N 108.31E  KI 327C  LV 315C  FE 311A  DS 320B  AN 287B  GI 338C
342=AG 10 1340 11905 ????? ?????????????10604  429   47  47.71N 130.19E  LV 315C  FE 314B  DS 325A
343=AG 21 1831 17760 GEOR RL  L3  100     0    0    0  54.02N   7.27E  BD  62B  BK   0
344=AG 20 1040 17750 KAZA RL  HC  250     0    0    0  58.62N 125.33E  HL 326B  GI 338C
345=AG 23 1216 17750 TURK RL  HC  250  2040  987  159  38.93N  70.97E  SS  53D  LR  22C  HL 325C  CA  27C  BE  25C
346=AG 11 0010  7105 PASH VOA                0    0    0  56.06N   7.27E  BK   0  SS  36C
347=AL 18 1910  9520 RUSS RL  L1  100  1415  513   54  49.07N 136.99E  LV 322D  HL 315C  AN 287C
348=AL 19 2147  9520 RUSS RL  L1  100     0    0    0  48.79N 134.36E  AN 289B  HL 315C
349=AL 18 1714  9715 RUSS DW                 0    0    0  63.03N 175.02W  LV 326C  AN 290B
350=AL 21 1810  9715 RUSS DW              2169  737   60  50.35N 126.21E  LV 320C  HL 317C  DS 329B
351=AL  4 1648 11915 RUSS DW                 0    0    0  55.14N 141.11E  HL 323C  AN 292D
352=AL 12 0510 15290 RUSS RL  G15 250  1701  209   44  50.52N 126.73E  HL 317C  AN 296A  FE 318B
353=AL 12 0616 15290 RUSS RL  G15 250  1708  557   53  50.54N 129.75E  LV 320D  AN 294C  HL 317C
354=AL 12 1010 15290 RUSS RL  G15 250     0    0    0  51.20N 137.97E  LV 318C  HL 318C
355=AL 12 1141 15290 RUSS RL  G15 250     0    0    0   0.00N   0.00E  lv 313C  hl 319D  ds 326B
356=AL 13 0941 15290 RUSS RL  G15 250  2115  766   72  52.19N 133.75E  HL 319C  LV 319C  DS 328C
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357=AL 14 0947 15290 RUSS RL  G15 250     0    0    0  50.50N 115.31E  LV 327C HL 318C
358=AL 15 2140 15290 RUSS RL  P1  250     0    0    0  51.43N 132.57E  HL 318B AN 293B
359=AL 12 1443 15380 RUSS RL  P3+ 500  2619  542   55  52.20N 133.93E  DS 327B LV 320B HL 319D FE 316C
360=AL 17 1340 15380 RUSS RL  P3+ 500  2461   88   87  66.28N 170.51E  GI 329C FE 326B DS 332D AN 303B
361=AL 10 2141 11885 UKR  RL  P5  250     0    0    0  49.66N 128.36E  AN 294A HL 316B
362=AL 12 0440 15380 UKR  RL  P3  250  1186  383   51  49.77N 127.72E  HL 316B LV 320C GI 324D AN 295B
363=AM 10 1401 11875 DARI RFE L5  100     0    0    0  59.20N  23.26E  N0  80C N1 140C
364=AM  5 1505 11905 RUSS DW              6863  352  133  38.83S 160.77E  KR  65A MU  75C BL  80D bk   0
365=AM  6 0131 11970 RUSS RL  P6  250     0    0    0  54.02N   7.27E  BD  62B BK   0
366=AM 21 0802 17770 RUSS RL  G1A 250     0    0    0   0.00N   0.00E  bk  65A kr  52B it  69A
367=AM 23 0701 17770 RUSS RL  G1A 250     0    0    0  46.97S 169.18E  BD  59B IT  70C
368=AN  7 0735 11755 ???? ????????????  359   64  179  60.45N   7.27E  BK   0 VB  32B CA  41C BE  41B SS  33C
369=AR 21 2045  9660 ???? ????????????  507   64   93  55.16N  41.10E  MU  60C KO  55C IT  73B BL  70C
370=AR 18 2110  9670 ???? ????????????  581   70   94  55.15N  44.45E  MU  60C KO  57B IT  72B BL  70C
371=AR 19 2030  9670 ???? ????????????17859  546  131  40.56N  98.70E  MU  65D KO  60B it  75D BL  65C
372=AR 20 2039  9670 ???? ????????????  250   41   74  54.04N  27.51E  MU  53B KR  70B KO  55B it  70C
373=AR 21 2035  9670 ???? ????????????  223   87  135  46.70S 172.74W  BK   0 MU  60D kr  70B KO  55C bl  66C
374=AR 22 2050  9670 ???? ????????????  463   57   87  54.28N  37.58E  MU  60C KR  70C KO  60B IT  80D BL  70C
375=AR 11 1138 15400 ???? ????????????    0    0    0  55.23N  23.50E  IT  75B BL  62B
376=AR  4 1902 11875 ARM  RL  L6  100   673   53   91  56.11N  43.29E  BK  65B BD  65C bk   0 KR  64B BL  65B mu  70D
                                                                     IT  65C KO  57B
377=AR 10 1731 11970 BR   RL  P6  250     0    0    0  90.00N  90.00W  RO  0C BK   0
378=AR  9 2331 11935 CZEC RFE G9   50     0    0    0   0.00N   0.00E  bd  62B bk   0 lr  29C
379=AR 10 2340 11935 CZEC RFE G9   50     0    0    0  67.28N  12.69E  SS  24C AL  28C
380=AR 10 1620 11970 EST  RFE P6  250  8669  234    0  90.00N  90.00W  BK   0 RO  0C BK   0
381=AR 11 0432 15425 RUS  IBA             0    0    0  53.91N  57.35E  KR  65B KO  60C
382=AR 21 1731 17710 RUS  IBA             0    0    0   0.00N   0.00E  ro  40C bk   0 en  85C
383=AR 23 1401 17710 RUS  IBA             0    0    0   0.00N   0.00E  ro   0C kr  80B ko  55C bl  65B it  71A bk   0
384=AR 23 1331 17710 RUS  IBA           946   59   90  55.71N  39.20E  MU  55D KR  65B BL  68B IT  70D bk   0
385=AR  4 1831  5955 RUSS RL  HD  250     0    0    0  56.94N  21.88E  BD  60C BK  50A
386=AR  7 1938  5955 RUSS RL  HD  250     0    0    0   0.00N   0.00E  it  90C kr  66B bl  90C ko  45D
387=AR 10 1931  5955 RUSS RL  HD  250     0    0    0  61.39N  71.15E  RO  40C BK  48B
388=AR  5 2201  6050 RUSS RL  B4  100     0    0    0   0.00N   0.00E  bk  45B n0  87C bd   0 bk   0
389=AR  8 0101  6050 RUSS RL  B4  100     0    0    0   0.00N   0.00E  bk   0 ro   0C it  75C ko  50C
390=AR 10 1101  6105 RUSS RL  L9   20     0    0    0  54.20N   7.27E  BD  60C BK   0
391=AR  9 0231  6135 RUSS RL  B3  100     0    0    0   0.00N   0.00E  ro   0C bd  65C bk   0
392=AR 10 0201  6135 RUSS RL  B3  100   675   45   88  56.22N  36.23E  BD  62C bk   0 IT  70B BL  65B KR  65B ko  45A
393=AR  5 0031  6155 RUSS RL  B2  100     0    0    0   0.00N   0.00E  bd  63B bk   0 bl  65B ko  45A
394=AR  5 2331  6155 RUSS RL  B2  100   452   46   97  55.88N  39.35E  N0  85C BD  64A ko  46C lT  72B KR  65B
395=AR 17 0540  7220 RUSS RL  L2  100     0    0    0   0.00N   0.00E  ko  58C it  85C bl  66D
396=AR 14 2046  7235 RUSS DW              0    0    0  53.00N  72.55E  BL  65C IT  65C
397=AR 11 2001  7245 RUSS RL  HC  250     0    0    0   0.00N   0.00E  ro   0C bk   0 bl  60D
398=AR 13 2131  7245 RUSS RL  HC  250     0    0    0  49.99N  51.90E  N2 120B N0  88B
399=AR 16 2101  7255 RUSS RL  L7  100    43   17   86  58.88N   7.27E  N0  85C n1 115B BK   0 BK   0
400=AR 11 0331  7285 RUSS DW              0    0    0   0.00N   0.00E  bd  66B bk   0 bl  75D ko  57B it  70B
401=AR 20 0031  9520 RUSS RL  L1  100     0    0    0  53.76N   7.27E  BD  65C BK   0
402=AR 21 0114  9520 RUSS RL  L1  100   243   33   92  56.24N  40.06E  bk   0 BD  64B IT  70B BL  66A N0  83B
403=AR 20 0701  9520 RUSS RL  L1  100   778   84   92  55.40N  40.82E  ro   0C BD  65B bk   0 en 115C KO  56C BL  70C
404=AR 21 1535  9520 RUSS RL  L1  100     0    0    0  32.70N  98.50E  IT  70D BL  72C
405=AR 22 1401  9520 RUSS RL  L1  100 25622  639  138  33.19S 148.69E  BD  64B bk   0 KR  70C IT  70B bl  70C
406=AR 23 0931  9520 RUSS RL  L1  100     0    0    0  51.23N   7.27E  BD  97B BK   0
407=AR 18 2331  9555 RUSS RL  G8  250     0    0    0   0.00N   0.00E  n2 135B n0 100B bd  65B
408=AR 21 0531  9555 RUSS RL  G8  250     0    0    0  53.67N   7.27E  BD  66B BK   0
409=AR 20 2313  9555 RUSS RL  G8  250   863   59  179  58.61N   7.27E  BK   0 VB  32C SS  36C
410=AR 21 0001  9555 RUSS RL  G8  250    90   27   94  56.34N  37.07E  N1 119B N0  85B BD  62A IT  70B BL  66A
411=AR 23 0140  9555 RUSS RL  G8  250  4527 1134  146   7.76N  79.74E  SS  55C CA  33C BE  32C al  41B
412=AR 19 0101  9625 RUSS RL  P4  250   208   67  130  53.61N  30.36E  N2 150C N0 100B bd  63B SS  42C KI  43C
413=AR 20 0111  9645 RUSS RL  B8  100   350   12  122  50.74S 173.67W  BK  63B N0   0 BK  58A
414=AR 24 0101  9645 RUSS RL  B8  100     0    0    0  54.69N  12.45E  RO   0C BD  65A
415=AR 24 0001  9645 RUSS RL  B8  100     0    0    0   0.00N   0.00E  ro  10C bd  66A bk   0
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416=AR	18	0310	9650	RUSS	DW			0	0	0	0.00N	0.00E	bk 0	it 75C				
417=AR	20	0311	9650	RUSS	DW			0	0	0	54.02N	7.27E	BK 0	BD 62B				
418=AR	19	0310	9650	RUSS	DW			606	55	102	54.32N	50.95E	MU 60B	KR 66B	KO 65B	IT 72A	BL 68B	bk 0
419=AR	22	0314	9650	RUSS	DW			211	81	132	46.75S	172.74W	BK 0	MU 64C	kr 70B	KO 56C	bl 70C	
420=AR	21	0201	9660	RUSS	RL	HC	250	0	0	0	0.00N	0.00E	ro 0C	bd 65C	bk 0	n0 84B		
421=AR	21	0631	9660	RUSS	RL	G8	250	0	0	0	9.21N	98.20E	BD 78B	EN 93C				
422=AR	22	0701	9660	RUSS	RL	B6	100	0	0	0	56.04N	27.57E	BD 65B	EN 118B				
423=AR	18	0701	9680	RUSS	RL	L5	100	0	0	0	54.98N	14.42E	BD 65C	NO 125C				
424=AR	18	0601	9680	RUSS	RL	L5	100	0	0	0	56.01N	26.56E	BD 65C	NO 95C				
425=AR	18	0310	9690	RUSS	DW			255	92	141	46.49S	172.75W	MU 55D	KO 50C	BK 0			
426=AR	19	0310	9690	RUSS	DW			229	47	93	55.56N	41.36E	MU 60B	KR 65C	KO 58B	IT 72C	BK 61B	n2 140B
													BK 61B	NO 85B				
427=AR	21	0316	9690	RUSS	DW			5888	170	114	52.12N	65.11E	KR 65B	IT 70B	BL 70C			
428=AR	22	0001	9690	RUSS	RL	G1	250	0	0	0	90.00N	90.00W	BD 0	BK 0				
429=AR	24	0013	9690	RUSS	RL	G1	250	0	0	0	0.00N	0.00E	bk 0	ro 0C	bd 65A			
430=AR	21	1520	9715	RUSS	DW			809	85	90	54.56N	34.90E	kr 63B	KO 58D	IT 78D	BL 72C		
431=AR	23	1501	9715	RUSS	DW			0	0	0	51.62N	64.88E	BD 64B	BK 66B				
432=AR	23	1701	9715	RUSS	DW			0	0	0	56.01N	26.56E	NO 95B	BD 65B				
433=AR	22	1501	9715	RUSS	DW			0	0	0	56.35N	36.37E	IT 70C	BL 65C				
434=AR	24	0131	9750	RUSS	RL	P2	250	0	0	0	54.55N	12.45E	RO 0C	BD 66A				
435=AR	5	0016	11725	RUSS	RL	P5	250	0	0	0	0.00N	0.00E	bl 65B	ko 47B	kr 70D			
436=AR	5	2301	11725	RUSS	RL	P5	250	0	0	0	0.00N	0.00E	bd 64B	n0 82C	bk 0			
437=AR	10	0231	11725	RUSS	RL	G4	250	0	0	0	0.00N	0.00E	n0 220C	bd 63B				
438=AR	5	0216	11770	RUSS	RL	HB	250	0	0	0	0.00N	0.00E	bl 65B	ko 48A	kr 70D			
439=AR	4	0931	11770	RUSS	RL	B6	100	0	0	0	0.00N	0.00E	bd 61B	kr 55B	bl 60B			
440=AR	6	0401	11770	RUSS	RL	HB	250	0	0	0	0.00N	0.00E	bk 0	ko 50C	bl 70C	it 68C		
441=AR	8	0331	11770	RUSS	RL	HB	250	0	0	0	0.00N	0.00E	bd 63A	kr 70C	ko 48A	mu 55B		
442=AR	9	0901	11770	RUSS	RL	B6	100	0	0	0	49.87S	172.85E	BD 68B	BK 88B				
443=AR	9	1531	11825	RUSS	RL	P2	250	79	25	3	54.20N	7.27E	BD 60C	BK 0	BK 0			
444=AR	9	1701	11825	RUSS	RL	P2	250	3335	198	0	90.00N	90.00W	BD 0	BK 0	BK 0			
445=AR	4	0701	11855	RUSS	RL	HA	250	1672	30	118	51.65S	179.04E	BD 63B	kr 70B	IT 73C	BL 90C		
446=AR	7	0701	11855	RUSS	RL	HA	250	0	0	0	0.00N	0.00E	bl 90D	kr 66B	ko 41C	it 67D		
447=AR	7	0101	11855	RUSS	RL	G10	50	0	0	0	53.76N	7.27E	BD 65B	BK 0				
448=AR	4	1716	11875	RUSS	RL	L5	100	19157	1050	140	14.72S	130.98E	KR 70D	KO 76B	IT 73C			
449=AR	4	2231	11875	RUSS	RL	L6	100	0	0	0	55.29N	40.50E	BD 66C	BK 65B				
450=AR	6	1231	11875	RUSS	RL	L5	100	0	0	0	49.75S	174.47E	BD 60C	IT 72B				
451=AR	5	2105	11875	RUSS	RL	L6	100	1460	190	124	47.02S	170.69E	BK 75B	BD 62B	BK 75B	KR 65B	ko 50B	
452=AR	6	1701	11875	RUSS	RL	L5	100	0	0	0	0.00N	0.00E	ro 0C	bk 0	bl 95D	ko 50B	it 69B	kr 67B
													bk 0					
453=AR	9	1301	11875	RUSS	RL	L5	100	822	154	126	47.63S	172.06E	BD 67B	BK 66B	NO 50B	KR 67B	IT 71B	BK 66B
454=AR	9	1433	11875	RUSS	RL	L5	100	0	0	0	53.31N	16.45E	BK 65B	KR 69A				
455=AR	9	0401	11875	RUSS	RL	L6	100	42	17	92	58.80N	7.27E	bd 67B	NO 90C	BK 0	BK 0		
456=AR	9	1811	11875	RUSS	RL	L5	100	0	0	0	0.00N	0.00E	bk 63B	bd 64B	bk 0			
457=AR	10	2001	11875	RUSS	RL	L6	100	0	0	0	0.00N	0.00E	bd 64B	bk 59B	kr 68A			
458=AR	10	2331	11875	RUSS	RL	L6	100	0	0	0	53.84N	7.27E	BK 0	BD 64B				
459=AR	4	0731	11885	RUSS	RL	L7	100	0	0	0	55.51N	59.82E	BD 60C	BL 65C				
460=AR	8	0701	11885	RUSS	RL	L7	100	0	0	0	55.50N	45.14E	BK 64B	IT 71B				
461=AR	7	2301	11885	RUSS	RL	G13	250	0	0	0	0.00N	0.00E	bk 0	it 69C	ko 50C	kr 66B		
462=AR	4	1801	11905	RUSS	DW			0	0	0	11.11S	128.33E	BD 65C	BK 72B				
463=AR	7	1531	11905	RUSS	DW			0	0	0	0.00N	0.00E	bd 68B	bl 65C	mu 70C			
464=AR	7	1801	11905	RUSS	DW			0	0	0	90.00N	90.00W	RO 0C	BK 0				
465=AR	10	1646	11905	RUSS	DW			0	0	0	12.99N	108.68E	IT 75C	MU 76C				
466=AR	10	1701	11905	RUSS	DW			79	25	3	54.20N	7.27E	BD 60C	BK 0	BK 0			
467=AR	6	1531	11915	RUSS	DW			0	0	0	51.67N	22.76E	BL 95C	MU 60D				
468=AR	9	0201	11915	RUSS	RL	P1	250	0	0	0	0.00N	0.00E	n2 140C	bd 63B	n0 90B	bk 0		
469=AR	8	1531	11915	RUSS	DW			0	0	0	47.90N	76.39E	MU 65D	IT 70D				
470=AR	9	1619	11915	RUSS	DW			317	133	154	46.28S	172.71W	BK 0	it 70C	KO 42D	bl 75C	MU 60D	
471=AR	4	0301	11935	RUSS	RL	HA	250	160	59	126	56.15N	35.16E	N1 122B	BD 64B	NO 88C	n2 160C	bk 70B	
472=AR	8	0601	11935	RUSS	RL	HA	250	0	0	0	54.85N	36.39E	NO 90C	BD 68B				
473=AR	9	0031	11935	RUSS	RL	G9	50	0	0	0	90.00N	90.00W	RO 0C	BK 0				

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474=AR 11 0731 15115 RUSS RL  G9   50     0    0   0  55.21N  64.95E  RO  50C  BK  60B
475=AR 11 1301 15115 RUSS RL  G2B 250   282   58 101  55.02N  41.06E  NO  86B  BD  65B  bk   0  ro   0C  KO  58B  bl  60A
                                                                      IT  74B  kr  45C
476=AR 12 1431 15115 RUSS RL  G2B 250     0    0   0   0.00N   0.00E  bd  65B  bk   0  it  73A
477=AR 15 0601 15115 RUSS RL  G9   50     0    0   0   0.00N   0.00E  ro  40C  bd  66B  bk   0
478=AR 17 0501 15115 RUSS RL  G9   50   192   87 118  57.04N  35.10E  N1 120C  n0  75B  BD  62B  bk   0  VB  29B  SS  39C
                                                                      BE  38B
479=AR 13 0209 15130 RUSS RL  G1B 250  5446  454 139  35.11S 165.26E  BL  64B  it  77B  KR  51B  KO  60B
480=AR 15 1231 15130 RUSS RL  P6   250     0    0   0  53.93N   7.27E  BD  63B  BK   0
481=AR 17 1031 15130 RUSS RL  P6   250     0    0   0   0.00N   0.00E  ro   0C  bd  62B  bk   0
482=AR 11 0452 15255 RUSS RL  G1B  10  1465  641 167  56.19N  36.73E  be 345D  KI  26D  ca 348C  AN 356B  VB  34C  AL  26C
483=AR 13 0342 15255 RUSS RL  G1B  10  5919 1231 151  44.40N  51.16E  KI  21C  SS  40D  GI  22C
484=AR 15 0401 15255 RUSS RL  G1B  10   489  184 176  63.35N  12.63E  RO   0C  BE  44C  SS  37D  AL  28B  GI  23C
485=AR 12 1801 15290 RUSS RL  P1   250     0    0   0  51.90N   9.59E  RO 350C  BK  60B
486=AR 11 1131 15340 RUSS RL  L4   100     0    0   0  53.93N  39.47E  N1 120B  NO  90C
487=AR 12 1204 15340 RUSS RL  L4   100     0    0   0  68.19N   7.27E  BK   0  AL  28B
488=AR 12 0720 15340 RUSS RL  L4   100 30550 1282 144   1.49N 124.36E  KO  70C  KR  66C  IT  70D  bl  60C
489=AR 14 0901 15340 RUSS RL  L4   100     0    0   0  54.77N  39.34E  IT  75D  KO  58B
490=AR 15 0631 15340 RUSS RL  L4   100     0    0   0  53.76N   7.27E  BD  65B  BK   0
491=AR 14 0441 15355 RUSS RL  G2B 250     0    0   0   0.00N   0.00E  ss  40C  an 282D  bk   0
492=AR 11 1831 15370 RUSS RL  HB   250    51   30  12  53.75N   7.27E  ro   0C  BD  65B  BK   0  SS  39C
493=AR 14 0431 15370 RUSS RL  B7   100     0    0   0   0.00N   0.00E  bk   0  bl  68B  ko  55A
494=AR 15 1901 15370 RUSS RL  HB   250   191   36  91  56.89N  27.66E  NO  90B  BD  62A  SS  40C  GI  19C
495=AR 12 1319 15380 RUSS RL  P3+  500   922  382  16  20.96S  85.74E  PS  31C  KI 332C  AL  27C
496=AR 13 0831 15380 RUSS RL  P3+  500     0    0   0   0.00N   0.00E  n1 130C  bd  62C  n0  85C  bk   0
497=AR 15 0931 15380 RUSS RL  P3+  500     0    0   0   0.00N   0.00E  n2 150C  bk   0
498=AR 11 1501 15405 RUSS DW          140   70 135  46.94S 172.69W  n0 110C  bd  50B  BK   0  ro   0C  MU  55C  BL  60B
                                                                      KO  55C  BK   0
499=AR 12 1608 15405 RUSS DW          229   60 133  46.49S 172.77W  MU  60B  it  72B  bl  69B  KO  50B  BK   0
500=AR 13 1514 15405 RUSS DW          306   46  84  55.87N  33.30E  mu  60B  KR  64B  IT  72B  bl  60C  KO  52B
501=AR 14 1618 15405 RUSS DW            0    0   0   0.00N   0.00E  bk   0  ro   0C  bd  67B  bk  65B
502=AR 14 1531 15405 RUSS DW          471   52  91  55.28N  44.77E  KR  66B  IT  72B  BL  65C  KO  58A  bk   0
503=AR 15 1610 15405 RUSS DW          394   46  89  55.50N  42.25E  bk  58B  KR  66B  IT  72B  BL  65C  KO  57A
504=AR 15 1701 15405 RUSS DW            0    0   0   0.00N   0.00E  ro   0C  n1 125B  n0  70C  bd  65B  bk   0  bk  57B
505=AR 16 1507 15405 RUSS DW            0    0   0   0.00N   0.00E  kr  65B  it  74B  ko  58B
506=AR 17 0543 15445 RUSS RL  P2   250     0    0   0  42.62N  53.91E  GI  20C  VB  32C
507=AR 18 0831 17610 RUSS RL  L6   100     0    0   0  56.08N  31.49E  BD  65C  NO  90B
508=AR 20 0901 17610 RUSS RL  L6   100     0    0   0   0.00N   0.00E  ro  50C  bd  63A  bk   0
509=AR 19 1101 17725 RUSS RL  G10  50   293   60  89  55.80N  37.17E  BD  65B  RO  40C  bk   0  IT  72B  KO  55C
510=AR 22 1033 17725 RUSS RL  G10  50     0    0   0   0.00N   0.00E  bk   0  it  70B
511=AR 23 1001 17725 RUSS RL  G10  50   159   36  92  55.58N  34.26E  BD  67  NO  90B  bk   0  KR  66B  KO  55C  BL  67C
                                                                      IT  71B  MU  54C
512=AR 24 0931 17725 RUSS RL  G10  50   435   46  86  55.90N  34.93E  BD  67B  KR  65C  KO  56C  BL  65B  IT  70C
513=AR 24 0512 17725 RUSS RL  G10  50  3581  254 121  47.47S 174.67E  KR  65C  bl  65B  IT  70C  BK  69B
514=AR 24 0831 17725 RUSS RL  G10  50   447   44  88  56.11N  36.58E  BD  66B  bk  58A  KR  65C  KO  55C  BL  65B  IT  70B
515=AR 18 0646 17735 RUSS RL  G2B 250     0    0   0  44.56S 163.19E  BL  80D  IT  72B
516=AR 18 0931 17750 RUSS RL  HC   250 13132  626 144   6.67N 117.32E  BD  65B  BD  65B  bk   0  KO  73B  BL  72C  IT  70C
                                                                      MU  70D
517=AR 22 0735 17750 RUSS RL  HC   250   240   34 136  46.38S 172.68W  BK   0  MU  60B  kr  70C  KO  45A  it  72B
518=AR 21 0601 17750 RUSS RL  HC   250     0    0   0   0.00N   0.00E  ro   0C  en  97B  kr  70B  bl  60C  it  71C
519=AR 22 1931 17750 RUSS RL  HC   250     0    0   0  90.00N  90.00W  RO   0C  BK   0
520=AR 23 0801 17750 RUSS RL  HC   250   563   54  91  55.74N  41.49E  ro   0C  bk  57B  BD  64B  MU  55C  KR  65B  KO  57C
                                                                      BL  68B  IT  70D
521=AR 18 0801 17760 RUSS RL  L3   100     0    0   0  53.76N   7.27E  BD  65B  BK   0
522=AR 21 1017 17760 RUSS RL  L3   100   169   36  84  55.29N  35.47E  bk   0  ro  75C  n1 160C  NO  90C  bk   0  MU  60D
                                                                      KR  70C  KO  55A  IT  72B
523=AR 21 0701 17760 RUSS RL  L3   100 14638  666 144   4.01S 123.93E  BD  65B  bk   0  KR  70B  KO  74B  bl  61C  IT  72B
524=AR 23 0916 17760 RUSS RL  L3   100   530   53  90  55.75N  41.40E  MU  56B  KR  65B  BL  68B  IT  70C
525=AR 23 1101 17760 RUSS RL  L3   100   483   48  88  55.57N  37.20E  BD  67B  MU  55D  KR  65B  KO  56C  BL  68B  IT  70D
                                                                      bk   0
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526=AR 23 0401 17760 RUSS RL  L3   100   376   46   88  55.81N  39.44E  bk   0   MU  55B  KR  67C  KO  57C  BL  67B  IT  71B
527=AR 23 0603 17760 RUSS RL  L3   100   386   45   86  55.69N  39.08E  bk   0   MU  55B  KR  66B  KO  56B  BL  68B  IT  70C
528=AR 22 1216 17760 RUSS RL  L3   100     0    0    0  54.92N  52.57E  BK  64B  IT  70D
529=AR 18 1931 17770 RUSS RL  G3A  250     0    0    0   0.00N   0.00E  bd  63B  bl  72D  it  72B
530=AR 20 1931 17865 RUSS RL  G8   250   888  100   95  54.76N  50.27E  ro   0C  BD  65C  bk   0  MU  62B  IT  70C  KO  57B
531=AR 18 1001 17895 RUSS RL  P1+  500  3417  237  108  53.59N  59.00E  bk   0   IT  70C  BL  70D  KO  60D
532=AR 19 1131 17895 RUSS RL  P1+  500     0    0    0   0.00N   0.00E  ro  30C  it  75C  ko  58B  bk   0
533=AR 21 1301 17895 RUSS RL  P1+  500  2264  311  105  49.35N  62.52E  RO  60C  MU  70D  BL  75D  ko  55A
534=AR 23 1235 17895 RUSS RL  P1+  500   250   83  138  46.30S 172.78W  BK   0   MU  55B  kr  75B  it  70C  bl  70C  KO  50C
535=AR 24 1304 17895 RUSS RL  P1+  500     0    0    0   0.00N   0.00E  it  70B  bl  60C  ko  50C
536=AR 14 0131  7190 TB   RL  P3   250   490  177  128  48.71N  52.80E  bk   0   N0  90C  N2 120C  MU  73C  bl  60C  it  62C
                                                                       SS  32C
537=AR 17 0031  7190 TB   RL  P3   250     0    0    0  34.31S 172.73W  RO  30C  BK   0
538=AR  7 0112 11885 TB   RL  HA   250     0    0    0   0.00N   0.00E  ro  80C  bk   0  kr  65C
539=AR 19 1831  9565 UKR  RL  L7   100     0    0    0  53.93N   7.27E  BD  63B  BK   0
540=AR 20 1731  9565 UKR  RL  L7   100     0    0    0  57.01N  30.15E  BD  62C  EN 105C
541=AR 23 2231  9565 UKR  RL  P4   250     0    0    0  55.42N  12.45E  RO   0C  BD  60C
542=AR 19 0231  9625 UKR  RL  P4   250     0    0    0   0.00N   0.00E  n2 145B  n0 100B  bk   0
543=AR 19 0531  9660 UKR  RL  HC   250     0    0    0  50.65N  37.72E  N0 100B  N2 140B
544=AR  9 1501 11885 UKR  RL  P5   250 11373  496  133  38.21S 153.34E  BD  66B  BK  74B  IT  71B
545=AR 10 2201 11885 UKR  RL  P5   250     0    0    0  52.00N  63.63E  BD  64B  KR  66B
546=AR 10 1601 11885 UKR  RL  P5   250     0    0    0  54.98N  12.45E  RO   0C  BD  63B
547=AR 11 1231 15215 UKR  RL  G1   250 23218  573  147    .29N 139.14E  bd  60C  bk   0  MU  60C  BL  60A  it  76A  KO  58B
548=AR 13 1931 15380 UKR  RL  P3   250   399   61   94  55.44N  42.95E  BD  65B  VB  36C  SS  32C  LR  39D  BE  34B  AL  28A
                                                                       IT  72C  BL  68B  KO  58B
549=AR 14 1531 15380 UKR  RL  P3   250     0    0    0   0.00N   0.00E  ro  50C  bd  67B  bk   0
550=AR 14 2101 15380 UKR  RL  P3   250   585  107   90  54.91N  45.94E  RO  50C  BD  66B  MU  60C  KO  55C  bk   0
551=AR 14 2040 15380 UKR  RL  P3   250     0    0    0   0.00N   0.00E  an 357C  ss  33C  bk   0
552=AR 15 2110 15380 UKR  RL  P3   250    51   23    5  53.84N   7.27E  BK   0  BD  64B  BK   0  n0  85B
553=AR 15 1909 15380 UKR  RL  P3   250     0    0    0  52.42N   7.27E  BK   0  SS  40C
554=AR 15 2231 15380 UKR  RL  P3   250     0    0    0  56.26N  37.90E  RO  40C  BD  64B
555=AR 16 1840 15380 UKR  RL  P3   250     0    0    0   0.00N   0.00E  lv 319C  al  29A  vb  32C
556=AR 20 2031 17895 UKR  RL  P4   250     0    0    0  56.36N  38.14E  KO  53B  N0  84B
557=AR 24 1931 17895 UKR  RL  P4   250     0    0    0  38.33S 172.73W  RO  50C  BK   0
558=AR 24 1701 17895 UKR  RL  P4   250  3104  341  120  47.43N  79.07E  RO  60C  bk   0  KR  65B  IT  70D  KO  60D
559=AU 17 0331 15445 RUSS RL  P2   250     0    0    0  34.44N  71.14E  N3 120B  N0  90C
560=AV 19 0401  9725 CZEC RFE G11   50     0    0    0  51.39N   7.27E  BD  95B  BK   0
561=AV 20 0210  9555 RUSS RL  G8   250     0    0    0   0.00N   0.00E  be   3C  ss  46C  an 356D  bk   0
562=AV 20 0010  9725 TB   RL  B6   100     0    0    0  57.45N  34.90E  BE  37C  AN 357B
563=AW  6 2316 11970 RUSS RL  P6   250     0    0    0  58.84N 151.02E  AN 292C  LV 322C
564=AW 10 2216 11970 RUSS RL  P6   250     0    0    0  48.77N 128.57E  HL 315B  AN 293B
565=AW 12 2240 15130 RUSS RL  G15  250  1367  402   55  52.73N 138.23E  LV 320C  HL 319C  FE 320C  AN 289C
566=AW 16 2248 15130 RUSS RL  G15  250     0    0    0   0.00N   0.00E  ki 336C  an 289B
567=AW 17 2114 15290 RUSS RL  P1   250     0    0    0  48.54N 152.24E  HL 317B  KI 321C
568=B1 16 0501  7245 CZEC RFE B7   100     0    0    0   0.00N   0.00E  n0 132C  n1 156B  bk   0
569=B1  4 0601 11855 CZEC RFE G3B  250    32    7   53  51.41N   7.87E  BD  94A  BK  50B  CA  50C  VB  42C  BE  48C  LR  47C
570=B1  7 0501 11855 CZEC RFE G3B  250  3030  105  126  41.27N  40.52E  BD  95A  SS  55B  PS  41C  LR  46C  CA  50C  BE  47B
571=B1  8 0540 11855 CZEC RFE G3B  250     0    0    0  40.83N  31.40E  SS  49C  PS  43C
572=B1 10 2249 11895 hung RFE G1B  250  2742  281  110  54.54N   6.67E  VB  38C  SS  39C  BE  48B  CA  45B  LR  45B  PS  44B
573=BA 12 0331 15275 PASH DW             435   73  122  46.71N  55.74E  N0  85B  BD  74A  N1 110B  bk   0  IT  86A  KO  74B
                                                                       bl  80B  MU  83C
574=BA 17 0131 15445 RUSS RL  G14  250     0    0    0  75.17N 167.55W  RO   0C  AN 343C
575=BD 24 1840 17865 RUSS RL  G8   250     0    0    0  55.38N  15.57E  LR  41C  DS  28B
576=BD 14 0141  7190 TB   RL  P3   250  9049  324   95  58.17N  12.12W  LR  44C  CA  45C  BE  47C
577=BF 23 2111  9660 ???? ??????????      0    0    0   0.00N   0.00E  gi 134C  fe 322B
578=BF 18 1310 17815 ???? ??????????      0    0    0  61.29N 172.31W  FE 313C  DS 326C
579=BF 11 1410 15445 DARI RFE L7   100  2295  450   51  51.70N 136.32E  LV 316C  AN 290D  DS 326C  KI 329C  HL 319D  FE 316B
580=BF  5 0610 11940 IRAN IRN            3235  175   56  55.79N 147.33E  GI 330D  FE 313A  LV 320B  DS 326B  AN 290B
581=BF  5 1116  6105 RUSS RL  L9    20  1243  333   55  51.97N 140.31E  PS 316C  LV 320B  KI 315C  HL 315C  FE 317C  DS 325B
                                                                       AN 291C
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582=BF	5	1613	6105	RUSS	RL	L9	20	0	0	0	0.00N	0.00E	an 297C	fe 314C						
583=BF	5	1240	6105	RUSS	RL	L9	20	1762	426	45	47.78N	126.31E	FE 315C	AN 294B	HL 314C					
584=BF	6	1312	6105	RUSS	RL	L9	20	6980	235	55	56.87N	143.06E	LV 321C	AN 293B	FE 318B					
585=BF	7	1149	6105	RUSS	RL	L9	20	17318	829	34	35.81N	110.61E	LV 320C	FE 320C	AN 296C					
586=BF	6	1640	6105	RUSS	RL	L9	20	0	0	0	0.00N	0.00E	fe 311C	an 297C						
587=BF	7	1412	6105	RUSS	RL	L9	20	4830	216	65	60.08N	156.12E	LV 320C	FE 318B	AN 291C					
588=BF	9	1240	6105	RUSS	RL	L9	20	1840	655	59	49.05N	130.84E	HL 315C	DS 328C	AN 290D	LV 319C				
589=BF	10	0942	6105	RUSS	RL	L9	20	1741	354	56	55.11N	148.19E	AN 287C	HL 323D	DS 328C					
590=BF	9	1740	6105	RUSS	RL	L9	20	0	0	0	50.42N	136.85E	HL 317B	AN 289C						
591=BF	10	1540	6105	RUSS	RL	L9	20	0	0	0	50.96N	151.89E	HL 320C	FE 307B						
592=BF	13	1742	7220	RUSS	RL	L2	100	0	0	0	61.86N	156.90W	AN 285D	FE 317B						
593=BF	16	1546	7220	RUSS	RL	L2	100	1700	655	68	53.75N	136.73E	LV 320C	FE 317C	HL 321C					
594=BF	18	1744	9520	RUSS	RL	L1	100	0	0	0	0.00N	0.00E	lv 324C	hl 318B	an 287B					
595=BF	18	1140	9520	RUSS	RL	L1	100	9577	679	39	39.85N	123.31E	DS 321C	AN 290C	KI 327C	LV 316C				
596=BF	19	2040	9520	RUSS	RL	L1	100	0	0	0	49.57N	136.72E	LV 317C	HL 316C						
597=BF	23	1640	9565	RUSS	RL	L7	100	1256	113	110	58.38N	152.05W	DS 325A	LV 330D	KI 329B	FE 310C	an 298C			
598=BF	22	1640	9565	RUSS	RL	L7	100	4904	213	67	61.13N	156.77E	LV 323C	DS 325B	AN 295C	FE 314C				
599=BF	24	1640	9565	RUSS	RL	L7	100	6714	354	41	43.63N	125.40E	LV 330D	GI 336D	FE 318B	DS 322A	AN 290B			
600=BF	21	2340	9680	RUSS	RL	HA	250	0	0	0	14.85S	89.69E	AN 290C	FE 311B						
601=BF	24	2316	9680	RUSS	RL	HA	250	0	0	0	24.04N	110.55E	FE 313B	AN 290C						
602=BF	23	1519	9715	RUSS	DW			0	0	0	0.00N	0.00E	fe 316B	an 295C	lv 325D					
603=BF	24	1511	9715	RUSS	DW			0	0	0	50.87N	141.85E	HL 318B	DS 322B						
604=BF	22	0040	9750	RUSS	RL	P2	250	0	0	0	36.17S	74.71E	FE 309B	AN 291B						
605=BF	22	2248	9750	RUSS	RL	P2	250	10117	636	35	34.24N	117.74E	LV 315C	DS 321C	AN 290B					
606=BF	23	2140	9750	RUSS	RL	P2	250	0	0	0	15.98N	99.68E	LV 316D	FE 318B						
607=BF	23	2311	9750	RUSS	RL	P2	250	0	0	0	55.90N	146.11E	LV 320C	AN 290C						
608=BF	24	2340	9750	RUSS	RL	P2	250	4731	288	58	56.78N	151.20E	LV 320C	FE 311C	AN 289C					
609=BF	10	0143	11725	RUSS	RL	P5	250	0	0	0	33.45S	77.81E	GI 23C	AN 290C						
610=BF	4	0940	11770	RUSS	RL	B6	100	887	193	55	55.79N	146.13E	AL 330B	PS 336B	LV 320B	KI 327B	HL 315C	GI 331C		
													BE 320C	DS 325A	CA 329C	AN 292B				
611=BF	6	1010	11770	RUSS	RL	B6	100	998	120	69	61.60N	162.72E	BE 329B	KI 329B	AL 338B	DS 327B	GI 332C	CA 334B		
													LV 318C	AN 292B	FE 316C					
612=BF	5	0911	11770	RUSS	RL	B6	100	1157	352	38	48.40N	130.17E	BE 341C	AL 338A	LV 319C	KI 330B	HL 314C	GI 326C		
													DS 327C	AN 291C						
613=BF	8	1017	11770	RUSS	RL	B6	100	1646	438	48	46.30N	130.25E	HL 312C	LV 316C	FE 316B	ps 160C	AN 289C	KI 322C		
													DS 323C							
614=BF	5	0711	11855	RUSS	RL	HA	250	1302	281	47	49.52N	133.63E	AL 331B	LV 319B	KI 327B	HL 313C	GI 331C	FE 317B		
													DS 326B	AN 290B						
615=BF	4	0713	11855	RUSS	RL	HA	250	1719	187	68	61.60N	161.88E	PS 336B	LV 320C	GI 320D	AL 328B	AN 293C			
616=BF	6	0719	11855	RUSS	RL	HA	250	1516	301	47	47.03N	129.21E	KI 334C	GI 332B	LV 317A	DS 323C	AN 291B	HL 315C		
617=BF	7	0717	11855	RUSS	RL	HA	250	1266	362	47	49.35N	134.47E	PS 333B	AL 338B	LV 317C	HL 316C	FE 315B	DS 324C		
													AN 288C							
618=BF	10	0711	11855	RUSS	RL	HA	250	1363	334	47	49.40N	132.66E	LV 319B	PS 335B	KI 329C	GI 329B	FE 316B	HL 315C		
													AN 291C	DS 323B						
619=BF	8	0710	11885	RUSS	RL	L7	100	0	0	0	49.62N	135.59E	AN 289C	HL 316B						
620=BF	6	1811	11915	RUSS	DW			6024	561	53	50.81N	138.58E	AN 289D	LV 318B	DS 320C					
621=BF	7	1613	11915	RUSS	DW			5661	377	52	53.86N	142.61E	LV 318D	GI 328C	DS 325B	AN 289C				
622=BF	7	2312	11915	RUSS	RL	G4	250	4493	113	56	56.12N	149.88E	LV 319C	FE 314C	AN 288A					
623=BF	9	0211	11915	RUSS	RL	P1	250	1161	306	51	50.54N	142.36E	AN 285B	LV 319C	GI 325D	HL 317C				
624=BF	4	0211	11935	RUSS	RL	HA	250	0	0	0	42.29S	66.54E	AN 294C	FE 313A						
625=BF	4	0308	11935	RUSS	RL	HA	250	10685	399	39	40.61N	123.29E	FE 313A	LV 316C	AN 293C					
626=BF	4	0501	11935	RUSS	RL	HA	250	3278	148	80	60.76N	174.49E	LV 322C	DS 325B	FE 313A					
627=BF	6	0510	11935	RUSS	RL	HA	250	788	200	47	46.82N	129.16E	LV 321C	HL 312B	GI 343C	FE 314A	DS 326B	AN 289C		
													LV 321B	HL 313B	GI 329C	FE 314A	DS 326B	AN 290B		
628=BF	6	0240	11935	RUSS	RL	HA	250	9459	482	38	39.82N	123.77E	LV 315C	FE 313B	AN 289B					
629=BF	6	0411	11935	RUSS	RL	HA	250	0	0	0	0.00N	0.00E	lv 318C	fe 313A	an 298B					
630=BF	6	0640	11935	RUSS	RL	HA	250	1141	293	49	49.00N	128.59E	LV 321C	HL 315B	GI 332D	FE 319B	DS 326A	AN 292B		
631=BF	7	0440	11935	RUSS	RL	HA	250	1010	252	50	48.95N	133.35E	LV 320C	HL 315B	FE 313A	DS 325B	AN 291B			
632=BF	7	0311	11935	RUSS	RL	HA	250	3214	84	62	59.15N	155.36E	LV 318C	AN 290A	AN 293C	LV 321C				
633=BF	7	0510	11935	RUSS	RL	HA	250	1032	241	49	49.30N	133.80E	LV 318C	HL 316C	FE 313B	DS 325B	AN 290B	LV 318C		

													HL 315C	AN 290B						
634=BF	8	0610	11935	RUSS	RL	HA	250	1647	430	49	46.34N	130.46E	LV 315C	HL 312C	FE 313B	AN 289C	DS 326B			
635=BF	8	0410	11935	RUSS	RL	HA	250	3151	91	58	57.29N	152.82E	LV 320C	AN 289B	AN 288A	LV 319C				
636=BF	8	0210	11935	RUSS	RL	HA	250	0	0	0	42.40N	123.76E	LV 317C	AN 291C						
637=BF	8	0041	11935	RUSS	RL	G9	50	0	0	0	22.77S	83.13E	FE 313C	AN 292B						
638=BF	9	0610	11935	RUSS	RL	HA	250	1493	408	49	47.72N	133.37E	LV 318C	HL 313C	GI 323C	FE 312B	DS 325C	AN 290C		
639=BF	9	0046	11935	RUSS	RL	G9	50	0	0	0	56.91N	150.40E	LV 320C	AN 289B						
640=BF	9	0340	11935	RUSS	RL	HA	250	0	0	0	0.00N	0.00E	lv 317C	an 298A	gi 29D					
641=BF	10	0510	11935	RUSS	RL	HA	250	1376	192	45	48.79N	134.32E	FE 314C	AN 289A	LV 320C	HL 314C	GI 324C	DS 325C		
642=BF	10	0111	11935	RUSS	RL	G9	50	0	0	0	58.93N	150.68W	FE 312C	AN 189B						
643=BF	5	0541	11970	RUSS	RL	G3A	250	1102	369	50	46.16N	130.88E	HL 312B	FE 313B	AN 289B					
644=BF	5	0617	11970	RUSS	RL	G3A	250	997	212	32	26.59S	74.15E	LV 321C	GI 24C	FE 313C	DS 326B	AN 290B			
645=BF	8	0540	11970	RUSS	RL	G3A	250	977	190	46	48.82N	133.05E	HL 315B	LV 316C	DS 326B	AN 290A	FE 313B			
646=BF	7	2213	11970	RUSS	RL	P6	250	0	0	0	61.74N	153.85W	FE 318C	AN 289A						
647=BF	9	1142	11970	RUSS	RL	HA	250	1222	513	51	51.64N	135.11E	LV 319C	LR 342B	KI 328C	HL 319C	FE 318C	DS 320C		
													AL 335C							
648=BF	9	2216	11970	RUSS	RL	P6	250	0	0	0	36.39S	78.23E	AN 287B	GI 31D						
649=BF	10	1346	11970	RUSS	RL	HA	250	0	0	0	50.15N	136.42E	AN 289C	AL 334C						
650=BF	11	0610	15130	RUSS	RL	P6	250	3680	445	23	12.71S	87.44E	DS 328C	lv 348C	KI 339B	AN 290B	gi 319C	FE 316B		
651=BF	11	0012	15130	RUSS	RL	G1B	250	0	0	0	62.84N	174.06W	FE 316C	AN 289A						
652=BF	12	0110	15130	RUSS	RL	G1B	250	6060	173	47	51.06N	136.37E	FE 315B	LV 318C	DS 324C	AN 290A				
653=BF	12	0412	15130	RUSS	RL	P6	250	1370	184	46	49.45N	135.05E	FE 314B	LV 318D	HL 315C	AN 289A	DS 327B			
654=BF	12	0740	15130	RUSS	RL	P6	250	1259	245	52	52.25N	140.02E	LV 323C	KI 325C	GI 323C	FE 313A	DS 325B	AN 291C		
													HL 318C							
655=BF	11	1139	15130	RUSS	RL	P6	250	0	0	0	43.46N	129.45E	LV 315D	VB 338C						
656=BF	11	1010	15130	RUSS	RL	P6	250	4345	137	73	61.03N	172.06E	KI 336C	DS 324C	VB 335C	AN 286C				
657=BF	13	0641	15130	RUSS	RL	P6	250	1594	442	50	49.11N	131.60E	FE 316B	HL 315C	DS 327C	AN 290C				
658=BF	13	0411	15130	RUSS	RL	P6	250	1619	40	105	61.79N	154.40W	AN 288C	FE 318C	GI 331D	KI 328C				
659=BF	12	1040	15130	RUSS	RL	P6	250	1475	106	76	60.79N	179.50E	LV 321C	FE 312C	DS 328C	AN 282C				
660=BF	13	0110	15130	RUSS	RL	G1B	250	0	0	0	49.60N	126.71E	FE 318B	HL 316C						
661=BF	13	0810	15130	RUSS	RL	P6	250	1509	322	51	49.93N	133.53E	HL 315C	KI 332C	DS 326A	FE 313B	AN 289C	LV 320C		
662=BF	14	0311	15130	RUSS	RL	P6	250	5083	185	55	55.29N	146.27E	LV 320D	KI 328C	FE 314C	AN 289C	DS 324B	AN 289C		
													FE 314A							
663=BF	14	1010	15130	RUSS	RL	P6	250	0	0	0	56.50N	147.62E	GI 327C	AN 290C						
664=BF	15	0340	15130	RUSS	RL	P6	250	0	0	0	62.55N	162.09W	FE 317C	AN 289B						
665=BF	14	0946	15130	RUSS	RL	P6	250	5448	547	64	59.11N	156.14E	LV 321D	GI 326C	FE 315C					
666=BF	16	0910	15130	RUSS	RL	P6	250	0	0	0	41.08N	125.08E	DS 322A	AN 289C						
667=BF	16	0540	15130	RUSS	RL	P6	250	1701	73	79	61.97N	177.89E	LV 319C	KI 328C	gi 151C	FE 317B	DS 326B	AN 287B		
668=BF	16	0146	15130	RUSS	RL	G1B	250	1185	30	106	61.94N	155.10W	KI 326C	GI 322B	FE 318B	AN 290B				
669=BF	17	0940	15130	RUSS	RL	P6	250	672	56	99	61.90N	158.83W	LV 314D	gi 149C	FE 317B	AN 284C	KI 326C	gi 149C		
													FE 317B	KI 326C						
670=BF	17	0110	15130	RUSS	RL	G1B	250	0	0	0	61.73N	153.82W	FE 318B	AN 289A						
671=BF	13	0840	15290	RUSS	RL	G1S	250	3377	192	66	59.76N	159.67E	DS 326B	LV 322C	FE 313B	AN 290C				
672=BF	14	0610	15290	RUSS	RL	G15	250	1343	231	50	52.00N	137.57E	FE 316A	DS 327B	HL 317C	AN 288B				
673=BF	15	0510	15290	RUSS	RL	G15	250	0	0	0	0.00N	0.00E	an 289B	hl 318C	fe 318B					
674=BF	16	1240	15290	RUSS	RL	G15	250	1067	384	56	49.77N	133.86E	HL 316B	FE 314B	AN 290C	DS 326B				
675=BF	16	0710	15290	RUSS	RL	G15	250	0	0	0	48.75N	127.96E	HL 315B	DS 326B						
676=BF	17	0712	15290	RUSS	RL	G15	250	1505	380	51	49.62N	133.67E	LV 318C	KI 327C	HL 315C	FE 317B	DS 326B	AN 288C		
677=BF	11	0146	15355	RUSS	RL	G2B	250	0	0	0	31.32S	77.53E	GI 20C	AN 292A						
678=BF	12	0448	15355	RUSS	RL	G2B	250	890	170	48	50.83N	137.08E	GI 326C	FE 317B	lv 359D	DS 327C	AN 289A	HL 317B		
679=BF	12	0213	15355	RUSS	RL	G2B	250	1023	331	52	48.92N	133.54E	HL 315B	LV 316D	gi 18D	AN 289B	FE 316B			
680=BF	14	0216	15355	RUSS	RL	G2B	250	0	0	0	0.00N	0.00E	an 290C	hl 316B	fe 136B	gi 25C				
681=BF	15	0910	15370	RUSS	RL	HB	250	0	0	0	55.59N	142.13E	AN 292C	DS 326B						
682=BF	12	1440	15380	RUSS	RL	P3+	500	0	0	0	0.00N	0.00E	lv 315C	ki 327C	gi 143C	ds 326B				
683=BF	14	1440	15380	RUSS	RL	P3+	500	0	0	0	57.50N	152.10E	DS 325B	AN 289A						
684=BF	15	1710	15405	RUSS	DW			1502	441	59	50.87N	137.80E	LV 315B	HL 318C	FE 314B	DS 326B				
685=BF	11	0740	15445	RUSS	RL	P5	250	7688	384	42	45.90N	129.42E	DS 324C	LV 317C	FE 313B	AN 290B				
686=BF	11	0049	15445	RUSS	RL	G14	250	0	0	0	31.61S	78.26E	GI 17D	AN 291C						
687=BF	12	0840	15445	RUSS	RL	P5	250	3505	224	54	54.83N	145.44E	LV 319B	FE 313B	DS 325B	AN 289B				
688=BF	13	0714	15445	RUSS	RL	P5	250	1535	398	50	48.77N	133.11E	DS 326B	FE 313B	HL 314C	AN 289C	LV 321C			

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689=BF 13 0617 15445 RUSS RL  P5  250  1601  408   46  47.08N 130.37E  FE 315C  AN 290B  HL 313C
690=BF 13 1217 15445 RUSS RL  P5  250     0    0    0  50.09N 135.33E  LV 318C  GI 328C
691=BF 13 0910 15445 RUSS RL  P5  250  2073  164   70  60.02N 165.02E  LV 318C  AN 287C  DS 326A  KI 326C
692=BF 14 0614 15445 RUSS RL  P5  250  1291  218   52  52.91N 138.99E  HL 317C  FE 316A  LV 325C  AN 288B  DS 327B
693=BF 16 0740 15445 RUSS RL  P5  250     0    0    0   4.76N  70.67E  VB  45D  GI  15C
694=BF 16 1118 15445 RUSS RL  P5  250     0    0    0   0.00N   0.00E  gi 151C  ds 321B
695=BF 16 0640 15445 RUSS RL  P5  250  3609  235   63  58.80N 156.94E  LV 320C  KI 324C  DS 326B  AN 289C
696=BF 17 0610 15445 RUSS RL  P5  250     0    0    0   0.00N   0.00E  ki 325B  fe 315B
697=BF 17 0710 15445 RUSS RL  P5  250  1180  148   32  24.80S  75.40E  LV 318D  GI  19C  FE 317B  DS 326A  AN 286C
698=BF 18 0714 17725 RUSS RL G10   50 11535  695   39  40.52N 123.10E  DS 323B  LV 315D  AN 290C
699=BF 19 0910 17725 RUSS RL G10   50   873  256   54  52.73N 139.48E  AN 290B  DS 323C  HL 320B  AN 290C
700=BF 19 0542 17725 RUSS RL G10   50     0    0    0   0.00N   0.00E  lv 316C  gi 149C
701=BF 21 0540 17725 RUSS RL G10   50     0    0    0   0.00N   0.00E  hl 314D  gi 346D  fe 312C
702=BF 20 0914 17725 RUSS RL G10   50  1411  356   49  50.36N 135.53E  gi   4D  AN 290B  DS 322C  HL 317C
703=BF 21 0610 17725 RUSS RL G10   50  2934  569   46  46.93N 125.29E  LV 319B  HL 315D  GI 343D  FE 316B  DS 326C
704=BF 21 1110 17725 RUSS RL G10   50     0    0    0  52.84N 145.89E  VB 334C  HL 321B
705=BF 21 0910 17725 RUSS RL G10   50     0    0    0  61.50N 152.62W  FE 318C  AN 286C
706=BF 21 0712 17725 RUSS RL G10   50  1320  285   59  54.52N 154.38E  LV 320B  HL 319D  GI 330D  AN 281C
707=BF 22 0646 17725 RUSS RL G10   50  1212  308   51  51.62N 141.29E  HL 319C  GI 330C  AN 287B
708=BF 23 1010 17725 RUSS RL G10   50     0    0    0  50.25N 146.89E  HL 318B  LV 314C
709=BF 24 0940 17725 RUSS RL G10   50   968  383   61  50.15N 138.54E  LV 314C  HL 317B  FE 310C  DS 323C  AN 289C
710=BF 24 0540 17725 RUSS RL G10   50   918  323   55  51.24N 138.11E  LV 320D  HL 318B  AN 289B
711=BF 24 0747 17725 RUSS RL G10   50  1406  365   48  46.81N 135.08E  LV 317C  HL 312C  DS 323B  AN 286B
712=BF 18 0443 17895 RUSS RL P1   250     0    0    0  52.49N 141.92E  FE 313C  AN 288A
713=BF 19 0511 17895 RUSS RL P1   250     0    0    0   0.00N   0.00E  gi 152C  an 288C
714=BF 19 0416 17895 RUSS RL P1   250     0    0    0   0.00N   0.00E  ki  16C  an 288C
715=BF  9 0012 11885 TB   RL HA   250     0    0    0  58.23N 157.83E  AN 287C  LV 320C
716=BF 18 1818  9565 UKR  RL L7   100  1407  192   45  49.36N 133.91E  LV 316C  HL 316C  FE 313C  DS 323D  AN 290A
717=BF 19 1910  9565 UKR  RL L7   100  1323  237   50  51.19N 137.74E  LV 317C  HL 318C  FE 314A  AN 289B
718=BF 21 1910  9565 UKR  RL L7   100  2760  175   58  57.14N 151.94E  GI 326A  FE 314A  DS 324C  AN 288C
719=BF 21 1810  9565 UKR  RL L7   100  6555  251   59  56.19N 149.05E  KI 327B  LV 319C  FE 314A
720=BF 22 1840  9565 UKR  RL L7   100  1928  206   57  54.91N 151.44E  LV 316B  KI 324C  GI 323A  FE 309C  DS 322A  AN 289C
721=BF 23 1842  9565 UKR  RL L7   100  8320  357   51  53.36N 140.82E  FE 314B  DS 325C  AN 290C  LV 319D
722=BF 24 1840  9565 UKR  RL L7   100  1364  374   54  53.04N 138.22E  FE 317B  AN 290C  LV 317D  HL 320C  gi  60D
723=BF  4 1635 11885 UKR  RL P5   250  2011  121   78  62.15N 172.09E  LV 324B  FE 315B  AN 290C
724=BF  6 1740 11885 UKR  RL P5   250  2576  233   63  57.98N 157.05E  AN 287C  LV 320B  DS 324B
725=BF  7 2016 11885 UKR  RL P5   250  8922  614   47  46.96N 129.15E  LV 318B  DS 324B  AN 291D
726=BF  7 2216 11885 UKR  RL P5   250     0    0    0  61.37N 151.99W  FE 318C  AN 283B
727=BF  8 2211 11885 UKR  RL P5   250     0    0    0  55.26N 147.75E  DS 324B  AN 288B
728=BF  8 2014 11885 UKR  RL P5   250  3362  147   71  60.55N 169.58E  DS 323B  AN 286C  FE 316C
729=BF  9 2217 11885 UKR  RL P5   250     0    0    0   0.00N   0.00E  hl 315B  gi  32C  an 289A
730=BF 11 0416 15380 UKR  RL P3   250     0    0    0  48.79N 134.36E  HL 315C  AN 289B
731=BF 15 2141 15380 UKR  RL P3   250  1604 1015    4  21.20N  55.45E  LR  40C  LV  17C  KI  26C  HL 318B  an 287B
732=BF 17 2246 15380 UKR  RL P3   250  1391  336   48  48.70N 135.91E  HL 315C  AN 288B  FE 312B
733=BF 16 2243 15380 UKR  RL P3   250     0    0    0  48.76N 135.73E  AN 288B  HL 315B
734=BL  4 1520 11905 RUSS DW              0    0    0  37.83N  88.85E  MU  70D  KR  69B
735=BL  9 1610 11905 RUSS DW              0    0    0   0.00N   0.00E  mu  60D  bl  80C  it  80B  bk   0
736=BL  4 2331 11970 RUSS RL  P6   250     0    0    0   0.00N   0.00E  n3 165B  n0  84B  bk  74B
737=BL 18 1842 17750 RUSS RL  HC   250     0    0    0  45.80N  64.52E  N2 109C  N0  84B
738=BL 17 0631 21510 RUSS RL  HD   250     0    0    0   0.00N   0.00E  bd  74A  bk   0  kr  78B  bl  90C
739=BL  5 2101 11885 UKR  RL P5   250     0    0    0  53.18N   7.27E  BD  72B  BK   0
740=BL 16 1831 15380 UKR  RL P3   250   781   73  115  48.76N  53.26E  N0  85B  BD  75A  bk   0  bk   0  KR  79B  BL  85B
                                                                       KO  70C  BK  74B  BK  74B
741=BM 11 1641 15370 TB   RL HB   250  5988 1512    1  33.64N  68.26E  VB  27D  FE 353C  LV 345D
742=BN 19 0340  9520 RUSS RL L1   100     0    0    0   0.00N   0.00E  ki  34C  fe  10C  an 358C
743=BN  9 1101 11770 RUSS RL B6   100     0    0    0  56.97N  41.56E  N2 125B  N0  80C
744=BN 10 0313 11915 RUSS RL P1   250     0    0    0  42.96N  35.30E  GI  32C  AN 356C
745=BN 17 0210 15445 RUSS RL G14  250     0    0    0   0.00N   0.00E  gi  13C  fe  12C  an 355D
746=BN 24 0417 17760 RUSS RL L3   100     0    0    0  75.67N 155.10W  LV 348D  AN 355D
747=BR  6 1931  6105 RUSS RL L9    20     0    0    0   0.00N   0.00E  bk   0  bd  65B  bl  60D
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748=BS 23 1401 17710 RUS  IBA          365  106  137  55.88N  51.13E  BD  62B  N2 113B  al  40C  BE  34C
749=BS 14 0431 15370 RUSS RL  B7  100 4848  356  134  39.92N  84.14E  n2 140B  N0  75B  bk   0   KR  70B  IT  74C
750=BS 18 0442 17760 RUSS RL  L3  100    0    0    0  78.24N 161.84W  GI 345D  AN 352B
751=BS 20 0510 17760 RUSS RL  L3  100    0    0    0  69.04N  62.39E  AN 345C  FE 358C
752=BS 11 0901 21455 RUSS RL  G2B 250    0    0    0  18.64S 138.64E  BD  60C  KR  67C
753=BT 24 0101  9645 RUSS RL  B8  100    0    0    0  50.37N  38.30E  N3 155C  N0 100C
754=BT 15 2101 15340 RUSS RL  L4  100    0    0    0   0.00N   0.00E  bk   0   n1 128B
755=CA  9 0241 11725 RUSS RL  G4  250    0    0    0   0.00N   0.00E  lv  46C  an 255C  gi  18D
756=CB 20 1316 17760 ARM  RL  L3  100 1975  670  161  47.46N  65.25E  bk   0   KI  10C  PS  40C  HL 333C  BE  26B  GI   8B
757=CB 13 1908 15115 BULG RFE G2B 250    0    0    0  53.76N   7.27E  BK   0   BD  65B
758=CB 16 1601 15115 BULG RFE G2B 250   49   21    4  53.59N   7.27E  BK   0   BD  67B  BK   0
759=CB 20 1810 17725 BULG RFE G10  50 1815  865   10  25.30N  62.77E  PS  45C  lv  26C  HL 323B  an 298B  DS 358C  FE 351B
760=CB  4 1740 11905 RUSS DW           0    0    0  52.66N  37.48E  BL  80B  MU  65D
761=CB  4 1609 11905 RUSS DW           0    0    0  71.69N   7.27E  BK   0   BE  26B
762=CB 13 1718 15370 RUSS RL  HB  250 3610  726  144  58.90N  53.16E  SS  34C  GI  21C  BE  25C  AL  15C
763=CB 19 0546 17725 RUSS RL  G10  50    0    0    0  83.10N 173.42E  DS 352C  FE 350C
764=CB 20 0540 17725 RUSS RL  G10  50 4725  580   13  68.06N  80.22E  GI   1C  LV 349D  FE 351B  DS 355C
765=CB 18 1031 17760 RUSS RL  L3  100    0    0    0  34.44N  71.14E  N3 120B  N0  90B
766=CB 19 1210 17760 RUSS RL  L3  100    0    0    0  29.96N  71.71E  GI   9C  PS  22C
767=CB 20 0950 17760 RUSS RL  L3  100    0    0    0  25.57N  80.56E  GI   1D  AL  13A
768=D3  9 2131  6115 CZEC RFE B3  100   43   21  100  50.37N  14.40E  N2 180C  BD  94B  bk   0   KO  60C  MU  30C  IT 135C
                                                                      KR  99A
769=D3 14 1101 15370 KAZA RL  HB  250    0    0    0  50.31N  17.45E  BD  92C  BK  93A
770=D3  5 0011 11725 RUSS RL  P5  250    0    0    0  53.13N  26.32E  VB  36C  SS  38C
771=D3  9 1201 11875 RUSS RL  L5  100    0    0    0   0.00N   0.00E  bd  97A  ko  51A  kr 101A
772=D3 12 0701 15340 RUSS RL  L4  100    0    0    0  48.96N  18.82E  RO  30C  BD  97B
773=D6 18 2118 17725 BULG RFE G10  50    0    0    0  41.26N  27.40E  KI  38C  AN   2C
774=DA 18 2040  9660 ???? ????????????? 1674   65   99  50.71N  23.17E  BK  86B  SS  42C  BE  48C  AL  40C
775=DA 19 2042  9660 ???? ?????????????  782   92  102  50.51N  42.69E  kr  58B  KO  70B  IT  85D  BL  85C
776=DA 23 0810 17825 DARI DW           4075  184  107  55.24N  69.96E  MU  55C  BL  62B  KO  56B
777=DA 23 0810 17875 DARI DW           0    0    0   0.00N   0.00E  kr  93A  bl 110C  ko  79C  bk   0
778=DA 11 0001  7165 RUSS RL  G1A 250 1861   33  105  50.47N  17.72E  BD  91A  BE  49B  lr  64B  SS  35C  VB  35C  PS  46C
                                                                      AL  40D
779=DA 12 0011  7165 RUSS RL  G1A 250 1615  292   95  55.59N   8.61W  VB  42C  SS  34C  VB  45C  SS  34C  LR  46C  CA  47C
                                                                      BE  50C
780=DA 17 0140  7165 RUSS RL  G1A 250 4914  840  120  50.34N  27.72E  SS  41C  PS  43D  BE  45C
781=DA 22 1408  9520 RUSS RL  L1  100    0    0    0  56.01N  55.48E  KO  56B  BL  65C
782=DA 16 2201  7255 TAJI RL  L7  100    0    0    0   0.00N   0.00E  ro  40C  n0  90C  an 329C
783=DA 15 0110  7295 TURK RL  L7  100  631   34    0  54.05N   7.27E  LR  46C  BE  49C  BK   0
784=DA 11 0231  7295 UKR  RL  P3  250   45   13  180  52.07N   7.27E  BD  87B  BK   0   SS  35C  LR  47B  VB  42C  BE  45B
                                                                      PS  36C
785=DA 11 0310  7295 UKR  RL  P3  250  451   48  180  55.88N   7.26E  VB  38C  LR  46B  SS  35C  SS  35C  VB  29C  BK   0
786=DA 13 0301  7295 UKR  RL  P3  250   29    5   82  51.30N   8.52E  ro   0C  BK  75A  VB  38C  SS  42C  LR  48C  PS  49C
                                                                      it  94C  KR  95A  ko  80C
787=DA 14 0001  7295 UZBE RL  L7  100 1270   68   97  51.40N  26.79E  n0  88B  BK  81B  SS  37C  LR  41C  BE  46B
788=DK 12 0101  7180 ARM  RL  L4  100  168   14   70  52.68N  13.08E  BD  80B  BK  64A  BK  64A
789=DK 16 0001  7180 AZ   RL  L4  100    0    0    0   0.00N   0.00E  ro  70C  bd  79A  bk   0   bl 105B
790=DK 12 0220  7180 GEOR RL  L4  100  114   49  101  50.89N  31.94E  KR  82B  KO  70B  BL  90D  BD  78C  ro   0C  N2 150B
                                                                      bk   0
791=DK 22 1410  9520 RUSS RL  L1  100  542   15   39  27.46S  82.10E  CA  48C  AL  43B  KI 322C  BE  50C
792=DK 20 0301  9650 RUSS DW           0    0    0   0.00N   0.00E  mu  45D  kr  80C  ko  65C  bk   0
793=DK  7 1435 11825 RUSS RL  P2  250    0    0    0   0.00N   0.00E  bk   0   kr  85C  ko  78B
794=DK 10 1431 11825 RUSS RL  P2  250    0    0    0  52.13N  12.45E  RO   0C  KR  77B
795=DK  7 0101 11855 RUSS RL  G10  50  176   70  125  50.46N  37.91E  N2 140B  N0 100B  BK  80B  bk   0
796=DK  4 0710 11885 RUSS RL  L7  100  221   58   86  52.29N  27.52E  LR  41C  BE  47B  CA  43C  AL  41C  GI  30D  IT  90C
                                                                      KO  62B  VB  43C  SS  40C  GI  34D  LR  41B
797=DK  6 0840 11885 RUSS RL  L7  100 4155  508  123  51.74N  26.02E  CA  45C  LR  42C  BE  44B  SS  41C
798=DK  8 0901 11885 RUSS RL  L7  100    0    0    0  51.48N  23.80E  RO  35C  SS  40C
799=DK  6 1531 11915 RUSS DW           0    0    0  51.04N  23.26E  MU  65D  BL 100C
800=DK  7 1520 11915 RUSS DW           5914  221  131  33.38N  80.01E  MU  80B  KO  78B  BL  85B  it  97B  BK  79A  bk   0
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801=DK  8 1635 11915 RUSS DW                0    0    0  58.47N   7.27E  BK   0  VB  35C
802=DK  9 1511 11915 RUSS DW             1080   28  179  53.39N   7.27E  VB  38C  SS  45D  BK   0
803=DK 10 1510 11915 RUSS DW              275   48  102  49.40N  35.54E  MU  77B  IT  95B  KO  74B
804=DK  6 0817 11970 RUSS RL  HA  250      0    0    0  47.70N  64.62W  LR  42C  BE  42B
805=DK  8 0940 11970 RUSS RL  HA  250      0    0    0  48.61N  29.14E  VB  39C  SS  42C
806=DK 14 0801 21745 RUSS RL  G1B  10      0    0    0  90.00N  90.00W  RO   0C  BK   0
807=DK  7 0131 11885 TB   RL  HA  250      0    0    0   0.00N   0.00E  n1 110C  bk   0  n0  85B
808=DK 24 0331  9625 UKR  RL  P4  250      0    0    0  90.00N  90.00W  RO   0C  BK   0
809=DK 11 0509 15380 UKR  RL  P3  250    154   48  109  47.32S 172.73W  BK   0  MU  75B  KO  75B
810=DM 12 0301 15370 DARI RFE B7  100      0    0    0  52.94N   7.27E  BD  75B  BK   0
811=DM 24 1350 17770 PASH RFE G3A 250      0    0    0  48.26S 164.83E  BL  88B  IT  80C
812=DM 12 0201 15370 RUSS RL  B7  100    828  368  126  46.65N  65.82E  BD  75C  bk   0  GI  25C  AN 330B  SS  38C  KR  68C
813=DM 16 1031 21500 RUSS RL  G1A 250    569  244  154  38.33S 172.73W  RO  50C  BK   0  BK   0
814=DM 17 0833 21530 RUSS RL  G8  250   1191  125  113  46.94N  49.24E  bk   0  kr  73C  BL  90C  IT  88C  MU  80C  KO  75C
815=DN 14 0042 15445 RUSS RL  G14 250   1700  712   73  48.53N 140.42E  FE 310C  LV 315D  HL 315C
816=DN 23 1246 17895 RUSS RL  P1+ 500      0    0    0  43.36N  55.85E  KR  84B  KO  80D
817=DP 17 0319 15340 AZ   RL  L4  100      0    0    0  60.40N  42.09E  LV   8C  AN 353B
818=DP 17 2112 15130 BR   RL  G15 250      0    0    0  58.09N  31.82E  FE  14C  GI  25C
819=DP  6 2346 11935 CZEC RFE G9   50   5918  812  180  43.62N  39.51E  LV  19D  AN 353B  FE  11C
820=DP  9 2341 11935 CZEC RFE G9   50   1689  688  146  53.13N  39.16E  LR  29C  AL  36C  BE  40C  AN 353C
821=DP 18 0301  9615 PASH DW              109   46  133  56.60N  36.36E  N0  87B  N1 118B  BD  66C  N2 133B  SS  45D  AN 355C
                                                                        RO  30C
822=DP 17 2331  7255 RUSS RL  G4B 250      0    0    0  54.02N   7.27E  BK   0  BD  62C
823=DP 18 2231  9505 RUSS RL  G3A 250      0    0    0  58.68N  36.68E  N2 130C  AN 356C
824=DP 19 2340  9505 RUSS RL  G3A 250      0    0    0  71.06N  41.43E  LR  19B  AN 355C
825=DP 24 2340  9505 RUSS RL  G3A 250      0    0    0  59.41N  36.77E  FE  11C  AN 356C
826=DP 22 1401  9520 RUSS RL  L1  100      0    0    0  52.62N  37.82E  N1 125B  N0  95C
827=DP 22 1731  9520 RUSS RL  L1  100      0    0    0   0.00N   0.00E  n2 135C  n0  90B  gi 310C
828=DP 23 0019  9625 RUSS RL  P4  250      0    0    0  57.66N  49.15W  BE  36B  AL  44C
829=DP 21 0201  9660 RUSS RL  HC  250      0    0    0   0.00N   0.00E  ro   0C  n1 120C  n0  88C
830=DP 24 0131  9750 RUSS RL  P2  250      0    0    0  90.00N  90.00W  RO   0C  BK   0
831=DP  8 1716 11875 RUSS RL  L5  100      0    0    0  28.65N  63.84E  VB  34C  AL  27B
832=DP 10 2001 11875 RUSS RL  L6  100      0    0    0  53.50N  40.00E  N2 133B  N1 120B
833=DP  8 1131 11885 RUSS RL  L7  100      0    0    0  58.62N  20.64E  N1 150B  N0  85B
834=DP 10 1201 11885 RUSS RL  L7  100     90   46  148  57.47N  30.59E  N3 165B  N2 145B  n1 120B  N0  85B
835=DP 10 1301 11885 RUSS RL  L7  100      0    0    0  58.38N  32.98E  N1 120B  N0  80C
836=DP  5 0140 11935 RUSS RL  G9   50      0    0    0  57.01N  47.90W  VB  29B  LR  37D
837=DP  6 0611 11935 RUSS RL  HA  250      0    0    0  51.01N  19.23E  VB  40C  SS  41C
838=DP  7 0311 11935 RUSS RL  HA  250   2011  620  155  55.05N  36.79E  KI  23C  GI  30C  DS  18B  AN 355C  AL  28C
839=DP  8 0601 11935 RUSS RL  HA  250      0    0    0   0.00N   0.00E  n0  90C  n2 150C  ss  45C
840=DP  9 0417 11935 RUSS RL  HA  250      0    0    0   0.00N   0.00E  lv 317D  gi  28C  an 355D
841=DP 10 0248 11935 RUSS RL  HA  250      0    0    0   0.00N   0.00E  gi  38C  al  29A  vb  29C
842=DP 17 0441 15130 RUSS RL  P6  250      0    0    0   0.00N   0.00E  vb  30C  ki 327C  an 354C
843=DP 15 1444 15290 RUSS RL  G15 250   1002  456  152  56.27N  35.05E  AL  28C  SS  37C  PS  22C  LV  18C  LR  30D  VB  35B
                                                                        GI  23D  AN 355B  DS   6C  FE  25C
844=DP 11 1131 15340 RUSS RL  L4  100      0    0    0  53.93N  39.47E  N1 120B  N0  90C
845=DP 16 0931 15370 RUSS RL  HB  250      0    0    0  53.24N  31.50E  N1 135B  N0 100C
846=DP 11 1242 15380 RUSS RL  P3+ 500      0    0    0  14.46N  67.82E  AL  29B  VB  40C
847=DP 15 1010 15445 RUSS RL  P5  250    436   68  180  62.77N   7.27E  BE  38B  VB  33C  BK   0
848=DP 24 0643 17750 RUSS RL  HC  250      0    0    0   0.00N   0.00E  n0  88C  n1   0
849=DP 20 0942 17760 RUSS RL  L3  100  28626  469  116  61.15N  22.36E  VB  30B  LR  34D  BE  37B
850=DP 21 0801 17770 RUSS RL  G1A 250      0    0    0   0.00N   0.00E  ro 310C  en  93B
851=DP 20 0742 17895 RUSS RL  P1+ 500      0    0    0   0.00N   0.00E  n3 155C  n2 145C  n0 100C
852=DP 24 0731 17895 RUSS RL  P1+ 500  12150  325    6  18.09N   1.12W  bk   0  N3 210C  N2 200C  N0 190B  it  80D  ko  65C
853=DP 16 0731 21510 RUSS RL  HD  250      0    0    0  56.99N  21.90E  N1 150B  N0  95B
854=DP 18 0505  9625 UKR  RL  P4  250      0    0    0  51.89N  41.26E  N2 133B  N3 149B
855=DP  9 2216 11885 UKR  RL  P5  250   3959 1030  168  36.83N  37.29E  AN 355C  GI  35C  FE  14C
856=DP 10 2201 11885 UKR  RL  P5  250      0    0    0  85.65N 172.73W  BK   0  AN 356B
857=DP 24 1610 17895 UKR  RL  P4  250   4365  920  165  58.44N  35.27E  FE  14C  DS  16C  AN 355D
858=DR 12 0249 15445 RUSS RL  G14 250      0    0    0   0.00N   0.00E  fe 314C  an 328B
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859=DT 23 1237 17895 RUSS RL  P1+ 500  7761  773  133  37.03S 161.20E  KR  65C  IT  57D  KO  70C
860=DU 19 1644  9715 RUSS DW       1417  349   55  55.61N 137.09E  LV 323C  FE 318B  AN 295C  HL 323C
861=DU 23 1746  9715 RUSS DW          0    0    0   0.00N   0.00E  an 299C  ki 326C
862=DU 14 0740 21455 RUSS RL  G2B 250    0    0    0  51.46N 129.57E  AN 295B  HL 318C
863=DU  4 0543 11885 UKR  RL  P5  250    0    0    0  46.84N 140.66E  LV 313C  HL 313B
864=DW  5 1010  6105 RUSS RL  L9   20    0    0    0  41.24N 136.87E  FE 306C  AN 280B
865=DW 10 0840  6105 RUSS RL  L9   20 11989  641   38  35.80N 129.54E  DS 318D  FE 306B  AN 282C
866=DW 10 0940  6105 RUSS RL  L9   20    0    0    0   6.09N 107.35E  FE 306B  AN 284C
867=DW 16 0840  7220 RUSS RL  L2  100    0    0    0  33.50N 129.55E  FE 305C  AN 280C
868=DW 17 0811  7220 RUSS RL  L2  100    0    0    0  61.68N 158.52W  FE 316B  AN 281C
869=DW 18 1116  9520 RUSS RL  L1  100    0    0    0   0.00N   0.00E  lv 316C  an 280C  fe 314C
870=DW  6 0910 11885 RUSS RL  L7  100    0    0    0   0.00N   0.00E  gi 316C  an 282C  fe 305B
871=DW  6 0610 11885 RUSS RL  L7  100 1286  487   71  53.37N 147.54E  LV 315C  HL 322C  FE 311C  DS 324B
872=DW  5 0806 11885 RUSS RL  L7  100 12325 608   38  35.54N 130.02E  KI 324C  GI 320D  FE 305B  AN 282C
873=DW  9 0726 11885 RUSS RL  L7  100 1349  387   51  47.68N 137.71E  HL 313C  GI 315C  FE 310B  DS 320B  AN 289C
874=DW  6 0340 11885 UKR  RL  P5  250  631  295   65  51.82N 153.11E  LV 315C  HL 321B  FE 311C  AN 278C
875=DW  9 0313 11885 UKR  RL  P5  250    0    0    0   0.00N   0.00E  an 277A  lv 315C  gi  25C
876=DW  9 0546 11885 UKR  RL  P5  250 1033  316   50  47.53N 146.11E  AN 279B  GI 314D  LV 317D  HL 314C
877=DW  9 1646 11885 UKR  RL  P5  250 9489  579   54  48.60N 138.55E  KI 329C  FE 310D  DS 320B  LV 316B
878=DW 10 0348 11885 UKR  RL  P5  250    0    0    0   0.00N   0.00E  lv 315C  an 276B  gi  26C
879=F  14 2340  7165 RUSS RL  G1A 250  341   93   79  42.37N  59.33W  PS  60B  VB  43C  ss  35C  AL  81C
880=FG 11 0312 15340 AZ   RL  L4  100 1458  314   10  57.41N  57.83E  FE  18C  AL  18C  LV   5C  AN 342A  GI  10B
881=FG  8 2240 11970 RUSS RL  P6  250    0    0    0   0.00N   0.00E  ss  38C  lv 321B  an 336B
882=FG 12 0541 15115 RUSS RL  G9   50    0    0    0  37.04N  54.94E  VB  35C  AN 340C
883=FG 15 0001 15340 RUSS RL  G1S 250  536  224  109  59.55N  55.56E  BD  54B  AL  19A  gi 319C  AN 346C
884=FG 18 1931 17770 RUSS RL  G3A 250 2795  203  111  55.21N  76.43E  bk   0  MU  55B  KO  53B  IT  60B  kr  61A
885=FG 24 1833 17865 RUSS RL  G8  250    0    0    0  54.66N  26.80E  MU  50C  BL  70C
886=FG 18 2227 17895 RUSS RL  G2B 250    0    0    0  27.03N  51.44E  KI  31C  AN 341B
887=FG 15 0144 15370 TAJI RL  B7  100 1479  502    4  61.18N  57.83E  AN 343B  AL  17B  HL 350D  FE   4C
888=FG 14 2201 15370 TAJI RL  B7  100  147   49   66  52.16N  18.55E  bk   0  MU  45D  BL  95D  KO  50B
889=FI 11 1940 15130 LITH RFE G1S 250    0    0    0  63.76N  20.25W  VB  29C  PS  32D
890=FI 12 1542 15130 LITH RFE P6  250    0    0    0  49.64N  37.40E  VB  35C  AL  34C
891=FI  7 0940 11885 RUSS RL  L7  100    0    0    0   0.00N   0.00E  bl  95B  kr  65D
892=FI  6 1525 11905 RUSS DW          0    0    0  56.26N  22.23E  BL  51B  MU  35C
893=FI  9 0431 11915 RUSS RL  L7  100    0    0    0  55.35N  34.51E  N0  90C  N2 140C
894=FI 12 0516 15290 RUSS RL  G1S 250    0    0    0   0.00N   0.00E  kr 100D  bl 110C  ko  80C
895=FI  8 1848 11770 roma RFE G3  250    0    0    0  54.20N  13.95E  SS  38D  BK  50B
896=FL 11 1910 15130 LITH RFE G1S 250    0    0    0   0.00N   0.00E  vb  30C  gi  29C  al  24B
897=FL 13 1917 15130 LITH RFE G1S 250    0    0    0  44.72N  63.50E  HL 331B  DS   5C
898=FL 21 1804  9715 RUSS DW       6852  969  148  69.58S  73.04E  N3 160C  N0 150C  N2 145C
899=FL 17 0501 15115 RUSS RL  G9   50 1143  299  139  38.08N  56.09E  N1 120C  n0  75B  BD  86B  KI  21C  AN 330C
900=FL 12 1110 15130 RUSS RL  P6  250 35006 1145  150  20.06N  69.18E  VB  35C  ps  40C  LR  36C  BE  39C
901=FL 11 0442 15255 RUSS RL  G1B  10 2150  756  177  38.40N  56.94E  FE 359C  GI  32D  VB  35C  AN 339B  AL  23C
902=FL 13 0427 15255 RUSS RL  G1B  10    0    0    0  66.94N 175.73E  AN 306C  GI 330D
903=FL 15 0401 15255 RUSS RL  G1B  10  127   19   91  58.94N  12.43E  RO   0C  N0  85A  VB  37C
904=FL 12 0141 15355 RUSS RL  G2B 250 1897  644  165  53.23N  57.79E  LR  14C  PS  20D  AL  25B  GI  18D  DS  17C  AN 338C
905=FL 12 1201 15370 TURK RL  HB  250 1300  109  116  46.80N  53.06E  BK  80A  VB  31B  BE  38B  AL  25B
906=FR 23 2031 17865 RUSS RL  G8  250    0    0    0  60.88N  29.48E  N2 140B  N0  70C
907=FU  7 0213 11855 RUSS RL  G10  50    0    0    0  47.55N 142.17E  HL 314B  AN 282D
908=FU 15 1346 15445 RUSS RL  P5  250    0    0    0  50.33N  80.52E  LV 346D  HL 327C
909=FU 19 1814  9565 UKR  RL  L7  100    0    0    0  55.69N 148.51E  HL 325B  GI 326B
910=G3  8 0410 11825 BULG RFE G10  50  109   24  136  44.05N  24.42E  AN 335B  PS  43B  AL  40C  LR  46B  HL 345C  N2 168B
                                                                      N1 158B  BD 105B  N0 130A  BL 136B  KR 116A  IT 136B
                                                                      KO 100C
911=G3 10 0443 11970 BULG RFE G14 250 1271  643  142  48.14N  17.59E  VB  44B  AL  43C  AN   9B
912=G3 11 2140 15115 BULG RFE G2B 250    0    0    0  41.10N  26.11E  AN   3B  LR  50C
913=G3 11 1611 15115 BULG RFE G2B 250  647   50  180  64.11N   7.25E  BK   0  BK   0  GI  38C  AL  33C  VB  20C
914=G3 12 1931 15115 BULG RFE G2B 250    0    0    0   0.00N   0.00E  bd 108B  it 135B  mu  70B
915=G3 12 1701 15115 BULG RFE G2B 250    0    0    0  90.00N  90.00W  RO   0C  BK   0
916=G3 13 2101 15115 BULG RFE G2B 250  195   32  131  42.41N  26.42E  BD 105B  bk   0  SS  46C  PS  43C  LR  50C  KI  39B
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													CA 51C BE 54B KR 115B BL 132B MU 115B KO 108B
													IT 131B
917=G3	15	0339	15115	BULG	RFE	G9	50	13650	728	117	48.89N	14.58E	LR 50C PS 40C VB 44C
918=G3	14	2004	15115	BULG	RFE	G2B	250	1085	434	165	42.31N	26.06E	bk 0 LV 28D PS 46B AN 3A LR 50C AL 40C
919=G3	15	2041	15115	BULG	RFE	G2B	250	1366	434	136	42.10N	27.39E	LR 50B CA 49B BE 53B AN 2B PS 44B
920=G3	17	2016	15115	BULG	RFE	G2B	250	12153	37	123	45.82N	20.18E	bk 0 BD 107A BE 53B VB 46C PS 43B LR 51B
921=G7	14	0601	7240	IRAQ	IRQ			0	0	0	0.00N	0.00E	ro 40C bk 97A bd 95A n0 136B
922=GA	11	0630	7330	????	????????????			0	0	0	59.57N	33.51E	N1 115B N0 75C
923=GA	12	0101	7180	ARM	RL	L4	100	0	0	0	0.00N	0.00E	n2 140C n0 75B n1 115B
924=GA	15	1416	15445	DARI	RFE	L7	100	0	0	0	0.00N	0.00E	an 3B lv 314C
925=GA	9	0531	11940	IRAN	IRN			0	0	0	56.68N	28.64E	N2 150C N0 90C
926=GA	9	2013	11705	RUS	IBA			0	0	0	31.18N	56.26E	VB 38C AL 32B
927=GA	21	1735	17710	RUS	IBA			0	0	0	0.00N	0.00E	en 85C be 43C
928=GA	14	0031	7115	RUSS	RL	B1	100	0	0	0	45.73N	57.29E	N0 90B N3 130C
929=GA	16	0231	7190	RUSS	RL	G4B	250	0	0	0	0.00N	0.00E	n1 110C n0 70C ss 37C
930=GA	17	0201	7190	RUSS	RL	G4B	250	0	0	0	0.00N	0.00E	n3 150B n1 90A bd 52C bk 0
931=GA	17	0301	7190	RUSS	RL	G4B	250	0	0	0	62.85N	30.55E	N1 105B N3 160B
932=GA	13	0731	7220	RUSS	RL	L2	100	0	0	0	56.91N	41.86E	N1 110C N0 80C
933=GA	14	0531	7220	RUSS	RL	L2	100	139	59	131	55.24N	34.66E	BD 68C N2 140B bk 0 N0 90B
934=GA	17	0531	7220	RUSS	RL	L2	100	0	0	0	59.77N	33.10E	N1 115B BD 54B
935=GA	12	1531	7255	RUSS	DW			0	0	0	0.00N	0.00E	n2 140C n0 88C bd 57C it 43B
936=GA	13	1516	7255	RUSS	DW			0	0	0	53.95N	10.56E	KR 43B IT 85D
937=GA	17	1510	7255	RUSS	DW			0	0	0	53.72N	16.16E	KR 65C BL 55C
938=GA	19	2331	9505	RUSS	RL	G3A	250	617	138	161	85.81N	173.81W	N0 0 BK 0 lr 20B AN 356B
939=GA	24	1001	9520	RUSS	RL	L1	100	0	0	0	58.98N	31.41E	N2 140B N1 121B
940=GA	21	0531	9555	RUSS	RL	G8	250	0	0	0	58.73N	29.88E	N1 125B N0 80C
941=GA	18	0318	9660	RUSS	RL	HC	250	0	0	0	87.67N	172.73W	AN 358C BK 0
942=GA	8	1122	11770	RUSS	RL	B6	100	0	0	0	53.82N	16.75E	KO 35B KR 65B
943=GA	10	1216	11885	RUSS	RL	L7	100	0	0	0	18.75S	158.04E	KR 45B KO 52B
944=GA	4	2331	11970	RUSS	RL	P6	250	0	0	0	57.72N	30.68E	N0 84B N3 165B
945=GA	11	0731	15115	RUSS	RL	G9	50	0	0	0	55.55N	33.75E	N3 160B N0 90C
946=GA	11	2201	15130	RUSS	RL	G15	250	0	0	0	52.96N	42.33E	N0 90B N2 130B
947=GA	13	0931	15340	RUSS	RL	L4	100	0	0	0	57.34N	35.45E	N3 155C N2 135C
948=GA	12	0031	15445	RUSS	RL	G14	250	0	0	0	49.71N	56.25E	N1 105C N0 85C
949=GA	24	0831	17725	RUSS	RL	G10	50	0	0	0	57.25N	32.11E	N1 125C N0 85B
950=GA	24	0631	17750	RUSS	RL	HC	250	0	0	0	0.00N	0.00E	n1 119B n0 0
951=GA	23	2031	17865	RUSS	RL	G8	250	0	0	0	60.88N	29.48E	N2 140B N0 70C
952=GA	17	0031	7190	TB	RL	P3	250	0	0	0	0.00N	0.00E	n3 155C n1 105B n0 75C
953=GA	11	0231	7295	UKR	RL	P3	250	0	0	0	61.00N	29.34E	N2 140C N1 117C
954=GA	19	1835	9565	UKR	RL	L7	100	0	0	0	56.04N	26.44E	N3 175C N0 95B
955=GA	18	0402	9660	UKR	RL	HC	250	3122	1016	165	34.52N	30.70E	bk 0 AN 356C KI 37C AN 357D FE 30C
956=GD	10	1910	11970	LITH	RFE	P6	250	0	0	0	45.62N	74.37E	HL 326B AN 328B
957=GD	18	1716	9715	RUSS	DW			11931	591	41	46.95N	124.40E	LV 320C FE 318C AN 294C
958=GD	19	1540	9715	RUSS	DW			1052	491	100	60.91N	152.58E	LV 325C HL 332B GI 328C
959=GD	6	2347	11855	RUSS	RL	P1	250	0	0	0	0.00N	0.00E	fe 319C an 285C
960=GD	7	1618	11875	RUSS	RL	L5	100	0	0	0	60.10N	153.30E	LV 323C GI 328C
961=GD	4	1440	11885	RUSS	RL	P5	250	1206	248	57	58.05N	142.34E	AL 338C HL 327C FE 324D AN 295B
962=GD	6	1111	11885	RUSS	RL	L7	100	3454	579	34	47.26N	126.29E	be 31B CA 342C AN 293C AL 340B
963=GD	5	1247	11885	RUSS	RL	L7	100	0	0	0	22.72S	93.29E	LR 30D GI 328C
964=GD	5	1018	11885	RUSS	RL	L7	100	682	153	60	58.22N	146.90E	AN 293B LV 323A FE 318C PS 336B AL 339B KI 328C
													HL 327C BE 331C GI 316D AL 335C LV 320C HL 326C
													AN 293C KI 329C
965=GD	6	0940	11885	RUSS	RL	L7	100	1135	158	62	60.47N	153.18E	CA 334C LR 340C AN 294B AL 332B FE 319B LV 322C
													DS 325B BE 339B
966=GD	7	0941	11885	RUSS	RL	L7	100	746	432	66	52.78N	158.11E	PS 339C LV 318C HL 320C fe 327B DS 326C CA 330C
													BE 323C an 317D AL 317B LR 335C
967=GD	7	1240	11885	RUSS	RL	L7	100	987	146	65	64.43N	146.31E	AL 333B PS 334C LV 319C KI 329C HL 326C FE 328A
													DS 332C AN 303B
968=GD	7	1442	11885	RUSS	RL	P5	250	1719	283	50	57.88N	126.43E	LV 328B KI 331C HL 324C FE 328B DS 326C AN 304B
969=GD	9	1440	11885	RUSS	RL	P5	250	2199	384	60	63.22N	152.98E	VB 337C FE 321B AL 335B

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970=GD  9 1240 11885 RUSS RL  L7  100  1162  305  56  57.82N 140.54E  LV 318C  HL 325C  FE 323C  DS 328B  AN 297C  AL 334B
971=GD 10 1210 11885 RUSS RL  L7  100  1302  157  56  59.03N 146.91E  GI 326D  FE 317A  DS 325C  AN 296B  AL 334A  LV 319C
972=GD  7 1540 11905 RUSS DW                0    0   0  46.40S  59.83E  FE 327B  AN 297C
973=GD  4 2340 11970 RUSS RL  P6  250   664  222  72  61.18N 157.88E  HL 334B  FE 320D  AN 293C
974=GD  4 0612 11970 RUSS RL  G3A 250     0    0   0  58.91N 112.67E  LV 334C  HL 327B
975=GD  5 0646 11970 RUSS RL  G3A 250   827  212  60  57.23N 143.61E  LV 321B  HL 326B  FE 316B  DS 327B  AN 294B  gi  18C
976=GD  4 0010 11970 RUSS RL  P6  250  1330  471  66  56.70N 143.77E  FE 316B  LV 323C  HL 325C
977=GD  6 0641 11970 RUSS RL  G3A 250   792  203  63  59.24N 146.99E  FE 319C  DS 326C  gi 287C  LV 321C  AN 295B  HL 329B
978=GD  5 1140 11970 RUSS RL  HA  250   793  246  58  56.98N 143.05E  AL 337B  HL 326B  AN 293B
979=GD  6 0140 11970 RUSS RL  P6  250   782  109  58  58.03N 145.47E  LV 324C  HL 327B  FE 316A  AN 294A
980=GD  6 0036 11970 RUSS RL  P6  250     0    0   0  63.86N 176.61W  LV 327C  AN 294B
981=GD  5 2331 11970 RUSS RL  P6  250   981  133  66  60.67N 155.91E  LV 322C  HL 333C  FE 316A  AN 294B
982=GD  5 2240 11970 RUSS RL  P6  250   927  143  68  60.82N 158.62E  LV 322C  HL 334C  FE 317B  AN 292B
983=GD  6 2248 11970 RUSS RL  P6  250     0    0   0  43.93N 124.04E  LV 318D  AN 292B
984=GD  7 0216 11970 RUSS RL  P6  250     0    0   0  34.43N 114.00E  LV 317C  AN 293A
985=GD  7 1110 11970 RUSS RL  HA  250  1146  194  63  61.94N 145.89E  AL 333C  LV 318C  KI 327B  HL 328C  FE 329C  AN 301B
986=GD  7 0913 11970 RUSS RL  HA  250  1577  462 113  55.13N 157.90E  LV 318D  HL 327B  GI 320D
987=GD  8 0742 11970 RUSS RL  G3A 250   904  243  59  57.69N 140.39E  DS 329C  AN 296B  HL 326B  LV 321C  FE 320C
988=GD  8 0010 11970 RUSS RL  P6  250 14965  475  30  26.95N 106.03E  FE 319A  AN 293B  LV 317C  DS 325C
989=GD  8 0640 11970 RUSS RL  G3A 250  7137  367  33  11.37S  86.23E  LV 318C  hl 327B  FE 319B  gi 310C  DS 320A  AN 292B
990=GD  7 2310 11970 RUSS RL  P6  250     0    0   0  42.40N 123.76E  LV 317C  AN 291B
991=GD  8 0240 11970 RUSS RL  P6  250 10258  381  44  50.43N 128.98E  LV 320C  FE 320C  AN 294B
992=GD  8 1240 11970 RUSS RL  HA  250     0    0   0  58.31N 134.74E  HL 326B  AN 300C
993=GD  9 0814 11970 RUSS RL  HA  250  1284  327  61  58.69N 142.98E  LV 323C  KI 328C  HL 327C  DS 320C  AN 298C
994=GD  9 0642 11970 RUSS RL  G3A 250   818  219  60  57.44N 144.27E  LV 324C  FE 318B  AN 293B  HL 326B
995=GD  8 2310 11970 RUSS RL  P6  250     0    0   0  61.53N 169.44E  AN 289B  LV 323C
996=GD  8 2241 11970 RUSS RL  P6  250  1238  142  66  59.62N 161.19E  LV 321B  HL 334D  GI 333D  AN 288B
997=GD  9 0242 11970 RUSS RL  P6  250  1127  122  56  57.11N 145.85E  LV 322C  HL 326C  AN 292A  gi  27D
998=GD  9 0011 11970 RUSS RL  P6  250  1849  713  16  29.96S  79.05E  lv 321B  GI  10D  FE 318C  AN 288B
999=GD 10 0810 11970 RUSS RL  HA  250   658  189  61  56.25N 152.05E  LV 319C  FE 316B  HL 326B  DS 325C  AN 286B
1000=GD 10 0040 11970 RUSS RL  P6  250     0    0   0   0.00N   0.00E  an 294A  hl 326B  gi  23C
1001=GD 10 0640 11970 RUSS RL  G3A 250   865  221  60  57.87N 142.12E  AN 295B  KI 330C  DS 327B  HL 326B  FE 320C  LV 325B
1002=GD 11 1020 15130 RUSS RL  P6  250     0    0   0  59.40N 154.63E  HL 331D  VB 335C
1003=GD 12 0910 15130 RUSS RL  P6  250     0    0   0  19.23S  74.03E  LV 319C  DS 344C
1004=GD 13 1340 15130 RUSS RL  P6  250   970  208  70  61.51N 158.24E  FE 320C  HL 335C  LV 318C  AN 294C
1005=GD 14 1310 15130 RUSS RL  P6  250     0    0   0  62.03N 154.74E  HL 334D  DS 329C
1006=GD  4 2144 11885 UKR  RL  P5  250     0    0   0  19.76S  82.90E  AN 294C  FE 316C
1007=GD  4 1643 11885 UKR  RL  P5  250  1244   90  91  64.18N 179.43W  LV 327A  FE 320B  AN 295C
1008=GD  5 1740 11885 UKR  RL  P5  250   926  130  71  62.13N 160.22E  LV 326B  AN 294B  HL 335C  FE 319B
1009=GD  5 1618 11885 UKR  RL  P5  250  2590  104  87  64.25N 176.82E  FE 319B  DS 327C  LV 327B  AN 296C
1010=GD  5 2140 11885 UKR  RL  P5  250  1004  212  70  61.52N 156.22E  LV 326B  HL 333C  FE 319C  AN 294C
1011=GD  6 1747 11885 UKR  RL  P5  250  9897  387  37  42.89N 116.13E  FE 320A  LV 321B  AN 295C  DS 329C
1012=GD  6 1516 11885 UKR  RL  P5  250  2034  156  77  63.96N 166.11E  AL 332C  LV 324C  DS 324C  AN 298C  GI 330C  KI 323C
1013=GD  7 1510 11885 UKR  RL  P5  250  1018   76  91  66.23N 174.87E  PS 337C  LV 329D  KI 332C  GI 323C  FE 326B  DS 328B
                                                                      AN 303B  AL 333B
1014=GD  7 1716 11885 UKR  RL  P5  250  1182   71  89  64.51N 177.44E  LV 327A  GI 331C  FE 324C  DS 327B  AN 296C  LV 327B
                                                                      KI 332C  FE 324C  DS 327B  AN 297C
1015=GD  7 1816 11885 UKR  RL  P5  250  1596  113  83  64.32N 170.42E  LV 326A  GI 329C  FE 324B  AN 296C
1016=GD  8 1641 11885 UKR  RL  P5  250     0    0   0   0.00N   0.00E  fe 323C  an 295A  ki 330C
1017=GD  8 1810 11885 UKR  RL  P5  250  3939  135  80  63.50N 170.91E  VB 334C  KI 327C  fe 323B  DS 326B  AN 295C
1018=GD  8 1511 11885 UKR  RL  P5  250   800  137  59  61.63N 149.07E  AL 335A  AN 295C  VB 340B  PS 342C  LV 317B  FE 319C
                                                                      DS 326C  AN 301B  AL 335A
1019=GD  9 1510 11885 UKR  RL  P5  250  1032  172  63  60.32N 148.73E  VB 338C  LV 322C  FE 324C  DS 328C  AL 335C  LV 323B
                                                                      KI 330C  HL 330C  gi 152C  FE 324C  DS 329B  AN 295B
1020=GD  9 1610 11885 UKR  RL  P5  250     0    0   0   0.00N   0.00E  fe 324C  an 295B
1021=GD 10 1811 11885 UKR  RL  P5  250   692  132  65  59.69N 155.08E  LV 317C  HL 329C  FE 322C  DS 327B  AN 290C  HL 329C
                                                                      gi 151C  FE 324B  DS 327B  AN 290B
1022=GD 10 1610 11885 UKR  RL  P5  250  1277  197  49  54.85N 134.13E  FE 323B  DS 338C  AN 295B  VB 338D  LV 324C  KI 329C
                                                                      HL 317C  FE 324B  DS 327B  AN 294B  AL 335B
1023=GD  6 1849 11895 hung RFE G1B 250  1304  262  59  59.35N 141.70E  DS 328C  LV 325C  an 331C  HL 328C  FE 320A
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1024=GD  8 1917 11895 hung RFE G1B 250    983  222   70  61.21N 156.78E  LV 323B  HL 334C  AN 294C
1025=GF 13 0114 15170 ???? ???????????    0    0    0   0.00N   0.00E  lv  32C  be  21C  ds  10B
1026=GF 23 0331  9555 BULG RFE G8  250    0    0    0  57.37N  65.98E  BD  55C  BK  56A
1027=GF 12 1701 15115 BULG RFE G2B 250    0    0    0  55.77N  54.96E  N0  75B  HL 342B
1028=GF 13 1746 15115 BULG RFE G2B 250 2158  629  155  58.94N  55.99E  FE 359C  DS   9B  BE  27B
1029=GF 13 2101 15115 BULG RFE G2B 250    0    0    0  40.39N  77.03E  N2 100B  N0  80B
1030=GF 14 1540 15115 BULG RFE G2B 250    0    0    0   0.00N   0.00E  lr  52C  fe 359B  an   5C
1031=GF 17 1712 15115 BULG RFE G2B 250 3207 1021  173  23.07N  59.44E  AN 336C  PS  42C  FE 359C  GI  12C
1032=GF 19 2301  9595 CZEC RFE G1  250  470  113  135  73.64N 174.33W  N0   0   AN 334C  N0   0
1033=GF  6 2041 11825 CZEC RFE G3B 250 2490  744  160  23.60N  53.49E  BE  50B  DS   8C  CA  49C  FE   7B  AN 340D  LV   1D
1034=GF  7 2207 11825 CZEC RFE G3B 250    0    0    0  73.58N 172.73W  BK   0   AN 335C
1035=GF  7 2131 11825 CZEC RFE G3B 250    0    0    0  45.43N  60.24E  BD  75B  AN 338C
1036=GF 10 2110 11825 CZEC RFE G3B 250    0    0    0  83.94N   8.39W  GI  8D   FE   8C
1037=GF 11 1314 15170 CZEC RFE G12  50    0    0    0   0.00N   0.00E  bk   0   ro  0C   bd  56C
1038=GF 12 1411 15170 CZEC RFE G12  50    0    0    0   0.00N   0.00E  ss  58D  ss  58C  bk   0
1039=GF 12 2031 15170 CZEC RFE G12  50 1689  147  105  54.91N  64.61E  bd  65B  KR  60D  MU  60B  IT  65B  KO  55B
1040=GF 15 0531 15170 CZEC RFE G12  50    0    0    0  40.31S 172.73W  RO  70C  BK   0
1041=GF 15 0731 15170 CZEC RFE G12  50    0    0    0   0.00N   0.00E  ro 300C  n3 115B  n0  90B  ds   7B
1042=GF 14 1701 15170 CZEC RFE G12  50    0    0    0   0.00N   0.00E  ro  40C  hl 241C  an 345C
1043=GF 14 1201 15170 CZEC RFE G12  50  305   53  136  62.54N  51.71E  RO  30C  N3 113B  N2 100B  HL 344D  DS  10B  AN 335C
1044=GF 15 1440 15170 CZEC RFE G12  50 3894  957    3  52.67N  54.46E  DS   8C  GI  19D  AN 344C
1045=GF 17 1310 15170 CZEC RFE G12  50 10025 798  174  52.18N  52.05E  LV   5C  FE   3B  DS  11C
1046=GF 16 1510 15170 CZEC RFE G12  50 3217  953  164  63.18N  54.83E  FE   2C  VB  20C  GI   7D
1047=GF 16 1801 15170 CZEC RFE G12  50  439  111  116  55.12N  63.42E  N1  90B  ro  30C  KO  58B  IT  65B  BL  64B
1048=GF 12 0731 15255 CZEC RFE G14 250    0    0    0   0.00N   0.00E  ro  0C   n3 112B
1049=GF 11 1031 15255 CZEC RFE G14 250  357  157  136  57.10N  51.90E  RO  45C  N2 110C  BE  29C
1050=GF 13 2201 15255 CZEC RFE G14 250  147   39   87  55.95N  35.48E  N0  88B  bk   0   SS  41C  PS  12C  KI  33D  LR  20C
                                                                      IT  64C  KO  58B  MU  60B  BL  59B
1051=GF 14 0710 15255 CZEC RFE G14 250    0    0    0  35.72N  63.51E  SS  41C  DS   6B
1052=GF 14 1431 15255 CZEC RFE G14 250  961  218  146  44.39N  64.93E  ro  0C   N2 110B  N0  85B  FE 358C  DS   7C  AN 330C
1053=GF 15 1131 15255 CZEC RFE G14 250    0    0    0   0.00N   0.00E  ro  0C   n2 115C
1054=GF 15 2040 15255 CZEC RFE G14 250 2424  804  172  44.11N  68.47E  LR  21C  GI  15D  AN 331C  AL  19B
1055=GF 16 0531 15255 CZEC RFE G14 250    0    0    0   0.00N   0.00E  ro  0C   n0  73B  n1  88B
1056=GF 17 1241 15255 CZEC RFE G14 250    0    0    0  59.04N  51.90E  PS  21C  FE   3C
1057=GF 17 1116 15255 CZEC RFE G14 250 1560 1017  176  57.97N  57.21E  VB  19C  PS  21C  HL 342B
1058=GF 22 1801  9505 LAT  RFE HA  250    0    0    0  60.65N  20.80E  N0  70B  N2 165B
1059=GF  8 2231 11970 RUSS RL  P6  250    0    0    0   0.00N   0.00E  n2 150B  n0  90B  bd  60C
1060=GF  9 2201 11895 hung RFE G1B 250    0    0    0  54.68N   7.27E  BD  55C  BK   0
1061=GL 21 0343  9505 LAT  RFE G3A 250    0    0    0  58.03N  23.68E  N2 160B  N0  87C
1062=GL 19 2342  9505 RUSS RL  G3A 250    0    0    0  72.59N  39.67E  LR  18C  AN 356C
1063=GL  6 0242 11725 RUSS RL  G4  250    0    0    0   0.00N   0.00E  lv 225C  fe  22C  ds  14D  an 294C
1064=GL  7 1231 11885 RUSS RL  L7  100    0    0    0  57.22N  33.01E  N2 140C  KR  59B
1065=GR 17 1853 21455 GEOR RL  L6  100    0    0    0   0.00N   0.00E  it 110A  bl  95C  kr  91C
1066=GS 10 2246 11855 EUR  IBA             0    0    0  48.76N 135.73E  HL 315B  AN 288B
1067=GS 18 1710  9715 RUSS DW           1322  340   55  53.83N 139.54E  LV 323C  HL 320C  FE 318B  DS 324C  AN 289C
1068=GS 20 1511  9715 RUSS DW           4664  273   60  59.65N 148.96E  FE 322C  AN 294C  LV 320C  GI 329C
1069=GS 21 1610  9715 RUSS DW              0    0    0   0.00N   0.00E  fe 313B  lv 322C  ki 319B
1070=GS 23 1811  9715 RUSS DW          14847  735   36  34.31N 117.89E  FE 316C  DS 321B  AN 289C
1071=GS  6 2343 11855 RUSS RL  P1  250    0    0    0  50.04N 140.52E  AN 286C  LV 316C
1072=GS  8 2311 11855 RUSS RL  P1  250    0    0    0  33.29N 114.41E  AN 292B  LV 316C
1073=GS 12 0920 15130 RUSS RL  P6  250    0    0    0  50.53N 134.10E  HL 317D  AN 291C
1074=GS 14 0711 15130 RUSS RL  P6  250 8900  599   42  43.91N 126.28E  LV 315C  AN 290C  DS 325B
1075=GS 14 0510 15130 RUSS RL  P6  250 1566  463   50  47.09N 132.50E  AN 288C  HL 313C  FE 314B  LV 314D
1076=GS 15 0816 15130 RUSS RL  P6  250 14692 688   35  34.68N 117.59E  KI 325C  DS 322B  FE 316C  AN 291C
1077=GS 15 0741 15130 RUSS RL  P6  250 1428  523   57  45.12N 125.82E  FE 316B  LV 320D  HL 311B  KI 325C  DS 325B
1078=GS 15 1218 15130 RUSS RL  P6  250    0    0    0   0.00N   0.00E  hl 323D  fe 333B  an 287C
1079=GS 17 0443 15130 RUSS RL  P6  250    0    0    0  22.49N 111.99E  AN 288B  KI 327C
1080=GS 14 1446 15380 RUSS RL  P3+ 500    0    0    0  61.08N 168.77E  DS 326A  AN 288B
1081=GS 15 1419 15380 RUSS RL  P3+ 500 1773  242   54  55.07N 145.43E  HL 317D  LV 319C  DS 326C  AN 288B  FE 324C
1082=GS 15 1816 15405 RUSS DW           7889  154   49  52.81N 141.08E  KI 326C  DS 324B  AN 289A
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1083=GS 17 1540 15405 RUSS DW                2030  397   26  18.90S  80.54E  LV 321C  ki 327C  GI   3C  FE 318A  DS 327C  AN 291C
1084=GS 11 0411 15380 UKR  RL  P3  250        0    0     0   2.07S  98.58E  AN 288B  SS  44D
1085=GS 12 0419 15380 UKR  RL  P3  250        0    0     0   0.00N   0.00E  ds 319C  fe 315A  an 289A
1086=GS 14 0410 15380 UKR  RL  P3  250        0    0     0  51.39N 138.46E  LV 318C  AN 289C
1087=GS 16 0516 15380 UKR  RL  P3  250        0    0     0   0.00N   0.00E  fe 321C  ds 327B  an 290B
1088=GU 14 1931 15340 ARM  RL  L4  100        0    0     0  38.30N  48.33E  N0 108B  BD  93B
1089=GU 14 1731 15340 AZ   RL  L4  100        0    0     0   0.00N   0.00E  ro  30C  n2 145C  n1 120C
1090=GU  8 0201 11875 GEOR RL  L6  100      571   49   118  45.41N  42.20E  BK  90A  BD  88B  N0 105B  BK  90A
1091=GU 24 0735 17895 RUSS RL  P1+ 500    12150  325     6  18.09N   1.12W  N3 210C  N2 200C  N0 190B
1092=GV 19 1314 17630 ???? ????????????     2921  415    95  58.12N   3.64W  ps  20C  BE  47C  SS  33C  VB  36B
1093=GV  9 2340 11935 CZEC RFE G9   50       1586  692   144  51.34N  38.46E  AN 353C  VB  32C  AL  34B  SS  35C
1094=GV 19 0805  9520 RUSS RL  L1  100         0    0     0   0.00N   0.00E  bl  85B  bd  75B  n0   0   n2 152B
1095=GV 19 0346  9520 RUSS RL  L1  100     16932 1078   146  28.12N  54.31E  LR  45C  BE  45C  AL  35C
1096=GV 19 1031  9520 RUSS RL  L1  100         0    0     0   0.00N   0.00E  bd  75B  n2 139C  n0   0
1097=GV 20 0701  9520 RUSS RL  L1  100         0    0     0  53.22N  27.20E  BD  75C  BL  80B
1098=GV 22 1501  9715 RUSS DW                0    0     0   0.00N   0.00E  kr  75B  ko  58B  it  82C
1099=GV 23 1503  9715 RUSS DW                0    0     0   0.00N   0.00E  n2 125C  n3 160C  n0  85C  n1 127B
1100=GV 22 1631  9715 RUSS DW                0    0     0  41.23N  63.63E  N3 125B  N0  90B
1101=GV 24 0231  9750 RUSS RL  P2  250     2592   52    99  58.37N  16.32E  N0  90B  VB  35C  LR  36D  BE  42C
1102=GV 10 0141 11725 RUSS RL  P5  250        0    0     0  55.63N  21.76E  VB  35C  SS  36C
1103=GV  8 0001 11825 RUSS RL  G3B 250        0    0     0  54.65N  25.33E  BD  70B  AN   3B
1104=GV  7 0231 11855 RUSS RL  G10  50        0    0     0   0.00N   0.00E  bd  70B  bk   0  fe  19C
1105=GV  8 1614 11875 RUSS RL  L5  100        0    0     0   0.00N   0.00E  vb  40C  n2 136B  n0  85B  bk   0
1106=GV 10 2340 11875 RUSS RL  L6  100        0    0     0  64.10N  20.65E  GI  25D  AN   5D
1107=GV  6 1531 11915 RUSS DW                0    0     0  53.94N  24.59E  MU  50D  KR  70B
1108=GV  7 1523 11915 RUSS DW                142   53   130  46.87S 172.62W  BK   0  kr  70B  KO  55B  MU  75C  BK   0
1109=GV  8 1520 11915 RUSS DW                356  117   176  46.75S 172.73W  BK   0  MU  65D  BK   0
1110=GV  5 0641 11970 RUSS RL  G3A 250        0    0     0  22.13N  57.77E  GI  24D  AL  35B
1111=GV 10 1231 11970 RUSS RL  HA  250        0    0     0  52.96N  42.33E  N2 130B  N0  90C
1112=GV 12 1410 15115 RUSS RL  G2B 250        0    0     0   0.00N   0.00E  bk   0  ro  40C  bd  71C
1113=GV 14 0216 15130 RUSS RL  G1B 250     2435  692   148  51.17N  31.19E  FE  16B  LV  20D  DS  24C  BE  44C
1114=GV 13 2340 15130 RUSS RL  G15 250    15042  794   146  31.52N  54.86E  PS  38C  CA  40C  BE  44B  AL  32C
1115=GV 14 0728 15130 RUSS RL  P6  250        0    0     0  53.00N  72.55E  BL  65C  IT  65C
1116=GV 14 0110 15355 RUSS RL  G2B 250     1794  323    95  61.35N  10.06W  SS  26C  PS  36C  VB  35C  LR  40C  AL  38B
1117=GV 14 2314 15355 RUSS RL  G2B 250        0    0     0  49.72N  39.22E  LR  37C  AL  33B
1118=GV 15 0449 15355 RUSS RL  G2B 250    10189  997   135  49.58N  37.46E  VB  35C  AL  34C  LR  38D
1119=GV 15 0840 15380 RUSS RL  P3+ 500        0    0     0  28.98N  61.01E  VB  36C  SS  48C
1120=GV 11 1501 15405 RUSS DW                0    0     0   0.00N   0.00E  n0 110C  bd  75B  ro   0C
1121=GV 15 1310 15445 RUSS RL  P5  250        0    0     0  52.56N  26.75E  MU  60D  KO  60B
1122=GV 17 0620 15445 RUSS RL  P5  250        0    0     0  30.94N  57.91E  VB  37C  LR  38B
1123=GV 21 1910 17770 RUSS RL  G3A 250     5211  800   128  49.04N  37.01E  SS  40C  LR  38D  PS  35C  BE  43C
1124=GV 21 1710 17770 RUSS RL  G3A 250     1427  496   132  54.17N  24.62E  SS  40C  DS  27C  AL  33C  PS  34C  LR  36D  AL  35C
                                                                            FE  21B  SS  40C
1125=GV 22 2001 17770 RUSS RL  G3A 250        0    0     0   0.00N   0.00E  bk   0  ko  53B  it  88A
1126=GV 23 0516 17770 RUSS RL  G18  10        0    0     0  53.18N  23.87E  KO  54C  IT  89B
1127=GV 11 1713 21510 RUSS RL  HD  250     6097  621   112  58.85N   6.99E  VB  34C  PS  37C  AL  38C
1128=GV 12 0931 21530 RUSS RL  G8  250      139   46   145  53.63N  28.77E  N1 140B  N0 102B  N2 153B
1129=GV 14 0801 21745 RUSS RL  G18  10        0    0     0   0.00N   0.00E  n0  88C  bk   0  bd  72B
1130=GV 24 0308  9625 UKR  RL  P4  250        0    0     0  52.43N  28.11E  IT  90C  BL  85C
1131=GV 10 1605 11885 UKR  RL  P5  250        0    0     0   0.00N   0.00E  bk   0  ko  53B  kr  85C  bk  75B
1132=GV 10 1710 11885 UKR  RL  P5  250        0    0     0   0.00N   0.00E  bk   0  vb  37B  bk  79B
1133=GV 23 1713  9705 poli RFE B3  100        0    0     0   0.00N   0.00E  n0   0  n2 116C  n1  91A
1134=GV 10 1910 11770 roma RFE G3  250        0    0     0  62.06N   7.27E  BK   0  AL  35C
1135=GW 14 1941 15340 ARM  RL  L4  100        0    0     0  34.08N  57.86E  VB  35C  AN 337D
1136=GW 24 1901 17760 ARM  RL  L3  100      753   58   180  58.11N   7.27E  BK   0  PS  38C  LR  39C
1137=GW 19 1401 17760 AZ   RL  L3  100        0    0     0   0.00N   0.00E  n0  73C  n3 155B  n2 142B
1138=GW 21 1631 17760 GEOR RL  L3  100        0    0     0  39.44S 172.73W  RO  60C  BK   0
1139=GW 15 0001 15340 RUSS RL  G15 250        0    0     0  58.66N   7.27E  N0 100C  BK   0
1140=HA 22 1301 17750 UZBE RL  HC  250        0    0     0   0.00N   0.00E  ro  25C  bd  92B  ko  94B
1141=HD  9 2046 11865 ???? ????????????      0    0     0  56.06N 143.13E  LV 321C  FE 316C
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1142=HD  7 2240 11855 EUk  IBA                0    0    0   0.00N   0.00E  lv 337D  an 293A
1143=HD 20 2240  9555 RUSS RL  G8   250      0    0    0   0.00N   0.00E  fe 316D  an 296C
1144=HD 20 2310  9680 RUSS RL  HA   250      0    0    0  62.35N 157.36W  FE 318D  AN 292B
1145=HD 22 0012  9690 RUSS RL  G1   250      0    0    0  56.74N 144.91E  FE 316C  AN 292B
1146=HD  7 2340 11725 RUSS RL  P5   250      0    0    0  62.12N 151.09W  LV 333C  AN 332C
1147=HD  8 2348 11725 RUSS RL  P5   250      0    0    0  61.27N 150.67W  GI 321C  AN 290B
1148=HD  9 0147 11725 RUSS RL  P5   250      0    0    0   0.00N   0.00E  gi  18D  lv 331C  an 294A
1149=HD 10 0144 11725 RUSS RL  P5   250      0    0    0  30.26S  76.42E  AN 294B  GI  23D
1150=HD  6 0110 11915 RUSS RL  P1   250      0    0    0  12.79S  86.66E  LV 307C  AN 294B
1151=HD 13 0940 15115 RUSS RL  G9    50   4350  264   67  60.02N 157.97E  DS 327B  AN 290D  LV 321C  FE 316B
1152=HD 15 0940 15115 RUSS RL  G9    50      0    0    0  59.88N 159.00E  DS 326C  HL 333D
1153=HD 11 0011 15130 RUSS RL  G1B  250      0    0    0  59.40N 151.06E  AN 293C  HL 330B
1154=HD 11 2216 15130 RUSS RL  G15  250      0    0    0   0.00N   0.00E  gi  10D  hl 330C  an 292B
1155=HD 12 2216 15130 RUSS RL  G15  250      0    0    0   0.00N   0.00E  fe 321B  an 294C
1156=HD 12 0342 15255 RUSS RL  G18   10   1389  164   49  53.55N 135.84E  LV 322D  AN 293A  FE 320B  HL 320C
1157=HD 15 0446 15255 RUSS RL  G18   10      0    0    0  49.12N 126.13E  AN 295B  LV 321D
1158=HD 11 0313 15290 RUSS RL  G15  250   1439  451   28  28.97S  76.28E  GI  21D  FE 319B  AN 293A  LV 320D
1159=HD 11 2043 15290 RUSS RL  P1   250      0    0    0   0.00N   0.00E  ds 326B  hl 153C  fe 321B
1160=HD 13 2119 15290 RUSS RL  P1   250   1847  112   77  61.31N 176.86E  LV 321C  FE 315C  DS 327C  AN 285C
1161=HD 11 0146 15355 RUSS RL  G2B  250      0    0    0  30.00S  78.46E  GI  14C  AN 292B
1162=HD 12 0112 15355 RUSS RL  G2B  250      0    0    0  62.92N 176.83E  AN 291B  LV 325C
1163=HD 14 0012 15355 RUSS RL  G2B  250   1188  612   18  31.98S  75.04E  AN 291C  FE 318C  GI  32D  FE 318C  AN 291C
1164=HD 16 0010 15355 RUSS RL  G2B  250      0    0    0   0.00N   0.00E  fe 322B  an 291B
1165=HD 17 0016 15355 RUSS RL  G2B  250      0    0    0  57.61N 147.26E  HL 327B  AN 292A
1166=HD 16 2316 15355 RUSS RL  G2B  250      0    0    0  58.15N 148.85E  AN 292A  HL 328B
1167=HD 11 0114 15445 RUSS RL  G14  250      0    0    0  62.68N 178.75W  AN 289C  LV 325D
1168=HD 13 0146 15445 RUSS RL  G14  250   3997  136   79  63.33N 170.20E  FE 319C  AN 294C  LV 325C
1169=HD 14 0040 15445 RUSS RL  G14  250      0    0    0  61.73N 153.84W  FE 318B  AN 289C
1170=HD 14 0346 15445 RUSS RL  P2   250      0    0    0  42.77N 118.53E  LV 320C  FE 318B
1171=HD 20 0940 17610 RUSS RL  L6   100      0    0    0  59.87N 152.77E  HL 331B  AN 293C
1172=HD 20 0610 17725 RUSS RL  G10   50      0    0    0  55.98N 139.48E  GI 330C  LV 322C
1173=HD 18 0640 17735 RUSS RL  G2B  250      0    0    0   0.00N   0.00E  hl 329C  an 292C  gi 147C
1174=HD 18 0448 17760 RUSS RL  L3   100      0    0    0   0.00N   0.00E  gi 315C  an 290B
1175=HD 23 0416 17760 RUSS RL  L3   100      0    0    0  17.45N 101.62E  FE 317A  DS 324D
1176=HD 19 0712 17770 RUSS RL  G1A  250      0    0    0  63.67N 169.58W  FE 318B  AN 294B
1177=HD 22 2017 17770 RUSS RL  G3A  250    754  285   69  59.44N 150.57E  HL 330B  GI 335D  AN 293C
1178=HD 24 0718 17770 RUSS RL  G1A  250      0    0    0  41.11N 114.65E  LV 321A  DS 328C
1179=HD 20 0910 17895 RUSS RL  P1+  500      0    0    0  59.87N 152.77E  HL 331B  AN 293B
1180=HD 24 0746 17895 RUSS RL  P1+  500      0    0    0  56.28N 156.62E  HL 328B  AN 284C
1181=HD 13 1020 21735 RUSS RL  G18   10    980   34  107  62.29N 156.88W  DS 329B  LV 321C  FE 319A  AN 291B
1182=HD 13 1210 21735 RUSS RL  G18   10      0    0    0   0.00N   0.00E  ds 336B  an 294C  fe 319A
1183=HD 14 2040 15380 UKR  RL  P3   250      0    0    0   0.00N   0.00E  lv 319C  ds 329B  an 289B
1184=HM 14 1340 15370 KAZA RL  HB   250      0    0    0  61.67N  88.12E  LV 346D  HL 334D
1185=HM  7 0518 11935 RUSS RL  HA   250      0    0    0   0.00N   0.00E  lv 322D  hl 311C  an 345C
1186=HM 12 1046 15445 RUSS RL  P5   250      0    0    0   0.00N   0.00E  lv 312D  hl 330C  an  4C
1187=HM 20 0201  9540 PASH VOA               823   59  126  71.03N 172.73W  BK   0   AN 327C  AN 327B
1188=HP 24 1901 17760 ARM  RL  L3   100      0    0    0   0.00N   0.00E  ro  50C  bd  47B  bk   0  n2  83C
1189=HP 19 1701 17760 AZ   RL  L3   100    650  102  101  56.61N  56.19E  RO  50C  bd  47B  BK  60B  IT  65B  KO  53B  N0  73C
1190=HP 13 1631 15130 EST  RFE G15  250    456  114  118  55.14N  81.41E  RO  40C  BD  53B  BL  57A  KR  56A  KO  55C  IT  60B
                                                                          bk   0  LV 346B  HL 334B  GI   2C  DS 354B  AL   4A
1191=HP 12 1510 15130 LITH RFE P6   250   3449 1219  176  20.38N  68.37E  bk   0  VB  35C  LV 346C  FE 352C
1192=HP 13 1531 15130 LITH RFE P6   250   1085  259  129  47.75N  86.45E  BD  53B  KR  61B  BK  63B  GI   2C  DS 350C  AL   2B
                                                                          BK  63B
1193=HP 13 1901 15130 LITH RFE G15  250    217   90  119  59.67N  56.35E  RO  40C  N3 115C  N0  65B  BD  52B  BK  56B  hl 322A
                                                                          DS   6B
1194=HP  6 2344 11855 RUSS RL  P1   250      0    0    0   0.00N   0.00E  hl  33C  an 335C
1195=HP  4 1731 11915 RUSS DW                466   47   68  56.06N  15.88E  BD  60B  LR  41C  kr  70C  IT  57C  mu  60D  ko  50C
1196=HP  5 1701 11915 RUSS DW                501   96   91  51.82N  26.86E  BL  90D  KR  80D  MU  64D  ko  75D
1197=HP  6 1731 11915 RUSS DW                  0    0    0  54.84N  12.45E  RO   0C  BD  64B
1198=HP  7 1610 11915 RUSS DW              19259  692  157  68.42N  66.34E  VB  14D  PS   9C  AL  11B
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1199=HP 10 1613 11915 RUSS DW          1157  142  132  34.29N 172.73W  lr  44C  HL 318C  al   8C  BK   0  mu  63B  BK   0
1200=HP 11 2201 15130 RUSS RL  G15 250  582  434  140  55.86N  83.42E  BD  51B  AN 328B  GI 337D  AL  6B
1201=HP 15 1519 15290 RUSS RL  P1  250 4004 1111    5  51.41N  70.89E  HL 334D  GI   8C  FE 350C
1202=HP 16 1901 15290 RUSS RL  P1  250   41   19   22  55.81N   7.27E  BD  45A  ro  30C  BK   0  BK   0  n0  62B  BK   0
                                                                       BK   0
1203=HP 14 0017 15355 RUSS RL  G2B 250    0    0    0  55.08N  84.06W  GI  29D  AL   5B
1204=HP 14 1631 15405 RUSS DW          0    0    0  90.00N  90.00W  RO   0C  BK   0
1205=HP 17 1605 15405 RUSS DW          0    0    0   0.00N   0.00E  it  65C  bl  59B  ko  55C
1206=HP 18 1501 17795 RUSS DW          0    0    0  53.49N  12.45E  RO   0C  BK  51A
1207=HP 22 1516 17795 RUSS DW          0    0    0  54.01N  80.28E  KO  54B  IT  60C
1208=HP 23 1529 17795 RUSS DW      11662  439  146  25.95S 158.37E  MU  60C  kr  72B  KO  55D  BL  60B  it  62B  BK  52A
1209=HP 20 0549 17895 RUSS RL  P1  250 4582  783   13  58.56N  75.88E  HL 333D  FE 351B  DS 354C
1210=HP  6 2111 11885 UKR  RL  P5  250    0    0    0  62.64N  87.47E  AN 329D  HL 335C
1211=IL 20 2039  9670 ???? ??????????     0    0    0  55.95N  25.70E  IT  71B  BL  60B
1212=IL  4 0201  5955 BR   RL  HD  250    0    0    0  57.50N  35.38E  N3 155C  N0  82C
1213=IL 10 0210  5955 BR   RL  HD  250    0    0    0  56.55N  22.29E  VB  34C  SS  35C
1214=IL  6 2301  6105 CZEC RFE G10  50    0    0    0  55.21N  14.88E  BK  45A  BD  64A
1215=IL 18 0808 17825 DARI DW          0    0    0   0.00N   0.00E  it  71B  bl  62B  ko  53A
1216=IL 19 0801 17825 DARI DW         62   21   93  56.30N  37.91E  BD  62A  bk   0  mu  46B  KR  65B  IT  70A  BL  65A
                                                                       KO  55A  N0  82B  N2 132B  N1 120B
1217=IL 20 0801 17825 DARI DW          0    0    0   0.00N   0.00E  mu  60B  it  70A  ko  55A
1218=IL 21 0804 17825 DARI DW          0    0    0  55.59N  47.67E  IT  70B  KO  57B
1219=IL 24 0801 17825 DARI DW        348   48   85  57.77N  39.75E  BD  60A  bk   0  MU  50B  it  70A  BL  60B  ko  53A
1220=IL 20 1631  9505 EST  RFE HA  250    0    0    0   0.00N   0.00E  bd  63B  n0  83B  n3 185B  bk   0
1221=IL 24 0201  9680 GEOR RL  L3  100    0    0    0   0.00N   0.00E  n0  90B  bd  64B  bk   0
1222=IL  9 2243 11770 KAZA RL  HB  250    0    0    0    .65N  53.28E  AN 334D  GI  39C
1223=IL 21 1401 17750 KAZA RL  HC  250  749  172  179  62.31N  12.62E  RO   0C  SS  39C  KI  20C  AL  30C
1224=IL 23 1421 17750 KAZA RL  HC  250    0    0    0   0.00N   0.00E  n3 150B  n2 127B  n0   0
1225=IL 22 1812  9505 LAT  RFE HA  250    0    0    0  39.23S 158.26E  IT  68C  BL  75C
1226=IL 16 0431  7155 LITH RFE G2  250    0    0    0  58.19N  34.42E  N0  80C  N1 118C
1227=IL  4 1834  5955 RUSS RL  HD  250    0    0    0   0.00N   0.00E  n1 115B  n3 150B  n2 132B
1228=IL  4 0001  5955 RUSS RL  HD  250  151   59  144  57.59N  34.14E  N1 120C  N3 155C  N0  82C  N2 140C
1229=IL  6 2101  5955 RUSS RL  HD  250    0    0    0   0.00N   0.00E  ro  30C  bd  65B  n1 125B
1230=IL  7 1401  6105 RUSS RL  L9   20    0    0    0  52.96N  42.33E  N2 130B  N0  90C
1231=IL  8 1031  6105 RUSS RL  L9   20    0    0    0  54.20N   7.27E  BD  60C  BK   0
1232=IL 10 0931  6105 RUSS RL  L9   20  160   26  144  57.51N  36.27E  n3 146B  N1 117A  N2 133A  BD  60C
1233=IL 12 1631  7220 RUSS RL  L2  100    0    0    0  57.67N  37.83E  N2 130B  N0  80B
1234=IL 14 1831  7220 RUSS RL  L2  100    0    0    0  58.88N   7.27E  N0  85C  BK   0
1235=IL 12 1531  7255 RUSS DW          0    0    0   0.00N   0.00E  n2 140C  n0  88C  bd  57C
1236=IL 14 1503  7255 RUSS DW          0    0    0  47.37S 171.58W  MU  70D  KO  60C
1237=IL 19 0331  9690 RUSS DW        106   53  123  56.91N  33.34E  BD  63B  N0  85B  N2 140B
1238=IL 20 0308  9690 RUSS DW        364   45   73  55.50N  22.49E  KR  58B  IT  72C  BL  65C  bk   0  SS  41C  AN   2C
1239=IL  6 1731 11915 RUSS DW          0    0    0   0.00N   0.00E  ro  0C  bd  64B  bk  60B
1240=IL  7 1601 11915 RUSS DW          0    0    0   0.00N   0.00E  n0  82B  bd  60B  al  34B
1241=IL  8 1631 11915 RUSS DW          0    0    0  54.20N   7.27E  BD  60C  BK   0
1242=IL  9 1641 11915 RUSS DW       7130  741  158  10.64N  78.75E  VB  27B  BE  39B  AL  19B
1243=IL 10 1711 11915 RUSS DW         12    5    4  51.61N   7.27E  VB  40C  BK   0  mu  56C  ko  52B  KR  70C  BK   0
1244=IL  4 1031 11970 RUSS RL  HA  250    0    0    0  49.83N  55.99E  N2 115B  N0  85B
1245=IL  4 0810 11970 RUSS RL  HA  250 3173  821  107  57.20N  11.61E  SS  36C  PS  34C  GI  38D
1246=IL  6 0801 11970 RUSS RL  HA  250  701   62   69  55.98N  13.63E  BD  58B  BE  45B  VB  40C  SS  36C
1247=IL  5 0711 11970 RUSS RL  G3A 250 4271 1213  143  44.99N  54.04E  SS  37C  LR  37D  GI  18C
1248=IL  7 0601 11970 RUSS RL  G3A 250  112   54  123  57.62N  35.12E  N2 135B  N0  82B  n3 148B  BD  60B
1249=IL  7 1101 11970 RUSS RL  HA  250    0    0    0   0.00N   0.00E  n2 135B  n0  85B  bd  68B  n2 153B
1250=IL  8 1231 11970 RUSS RL  HA  250    0    0    0   0.00N   0.00E  n2 125B  n3 150B  bd  65B
1251=IL  9 0931 11970 RUSS RL  HA  250    0    0    0  57.81N  28.44E  N0  85B  N3 170C
1252=IL  9 0801 11970 RUSS RL  HA  250    0    0    0   0.00N   0.00E  n0  85B  bd  61B  n1 105B  n2 130C  bk   0
1253=IL  9 1131 11970 RUSS RL  HA  250    0    0    0   0.00N   0.00E  n3 175B  bk   0  n1 135B  n0  80B  bd  63B
1254=IL  9 1331 11970 RUSS RL  HA  250  454   76  145  54.12N  39.51E  N2 132C  N1 120B  n0  80B  BD  68D  bk   0
1255=IL 10 0731 11970 RUSS RL  G3A 250  117   44  130  57.53N  36.66E  N2 132B  N1 117B  BD  62B  N0  80B
1256=IL 10 0901 11970 RUSS RL  HA  250  109   43  129  57.74N  35.45E  N1 117B  N2 135B  N0  80B  BD  62B
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1257=IL 12 0810 15380 RUSS RL  P3+ 500   1960 1395  146  27.75N  69.10E  SS  40C  lv 317C  HL 314C  BE  40C
1258=IL 13 0831 15380 RUSS RL  P3+ 500      0    0    0  57.73N  29.02E  N1 130C  N0  85C
1259=IL 20 1431 17750 TAJI RL  HC  250      0    0    0  48.91N  21.89E  RO  40C  MU  80C
1260=IL 18 1242 17750 UZBE RL  HC  250   2208  911  152  44.35N  34.26E  VB  37C  KI  32C  DS  32C  AN 355C
1261=IL 22 1301 17750 UZBE RL  HC  250    238   43   81  56.20N  32.62E  BD  64B  bk   0   MU  50B  kr  74B  BL  65C  IT  71B
1262=IL 24 1543 17750 UZBE RL  HC  250    346  115  179  71.99N   8.57E  BK   0   DS  15A  BE  35C  KI  15D  AN 354C  FE   8C
                                                                        LR  32C  LV  20D
1263=IR 24 1902 17725 BULG RFE G10  50      0    0    0  53.41N  51.44E  N1 105B  N0  82B
1264=IR 24 1743 17710 RUS  IBA              0    0    0  73.54N  22.05E  KI  15C  DS  13C
1265=IR 18 1740 17770 RUSS RL  G3A 250      0    0    0  50.23N  38.74E  VB  34C  AN 354A
1266=IR 18 1932 17770 RUSS RL  G3A 250      0    0    0  58.95N   7.27E  N0  80C  BK   0
1267=JA 13 0746  7220 RUSS RL  L2  100      0    0    0  54.50N  18.86E  1T  80C  KO  38B
1268=K7 20 0431  9555 BULG RFE G8  250     86   26  125  44.60N  22.00E  bk   0   N0 140C  N0 137B  N0 137B  MU 120C  KO 104A
                                                                        BL 140B
1269=K7 21 0416  9555 BULG RFE G8  250   3133   37  118  48.72N  15.17E  BK 112B  VB  41B  SS  46C  LR  50C  KI  39B  BE  53B
                                                                        BK 112B
1270=K7 22 0401  9555 BULG RFE G8  250    390   92  140  41.52N  28.91E  N2 165C  N0 125B  bk   0   BD 110B  VB  44C  SS  49C
                                                                        KI  51C  BE  51C  LR  57C  VB  45B  SS  45C  bk   0
1271=K7  7 0316 11970 BULG RFE G14 250    888   22  120  46.86N  20.88E  BK 110A  BD 105C  BK 110A  VB  43C  PS  38C  LV  33C
                                                                        FE  22C  DS  28B  CA  49B  BE  53A  AN   6B
1272=K7  8 0440 11970 BULG RFE G14 250   1786  623  148  28.22S  45.99E  LV  52C  gi 140C  AN 337C  FE  24C
1273=K7 11 0312 15115 BULG RFE G9   50   1349  481  142  40.16N  30.19E  KI  38B  LR  53D  AL  45C  PS  46B  FE   6C  VB  45B
                                                                        LV  5D  KI  38B  AN   4B
1274=K7 12 0341 15115 BULG RFE G9   50   1412  836  156  43.92N  26.21E  PS  42C  AN   3B  SS  48C
1275=K7 11 2141 15115 BULG RFE G2B 250      0    0    0   0.00N   0.00E  gi 324C  fe  29D  an   3B
1276=K7 15 0310 15115 BULG RFE G9   50   1382   15    2  52.20N   7.27E  AN   3D  FE  28C  KI  41C  BK   0
1277=K7 15 2020 15115 BULG RFE G2B 250   1702  386  134  42.33N  30.83E  FE  22C  CA  46C  BE  52A  AN 358C
1278=K7 17 2031 15115 BULG RFE G2B 250   1539  203  166  43.78N  24.61E  N1 158C  AL  45B  FE  21B  DS  34D  AN   3B  LV  22C
1279=K7 20 2101 17725 BULG RFE G10  50      0    0    0  42.64N  24.56E  BD 110B  BK 119B
1280=K7 23 1549 17725 BULG RFE G10  50   4849   43  139  33.32S  94.70E  PS  41C  BE  51C  LR  52C
1281=K7 24 1446 17725 BULG RFE G10  50  23935  573  142  24.64S  87.11E  PS  40D  LR  48C  BE  52B
1282=K7 24 1811 17725 BULG RFE G10  50      0    0    0  34.99N  33.33E  SS  54C  LR  51C
1283=K7 16 1501 21745 BULG RFE G9   50      0    0    0   0.00N   0.00E  bd   0   bk 106B  bk 106B
1284=K7 14 0713 15130 RUSS RL  P6   250      0    0    0  33.63S  94.57E  LR  54B  BE  55A
1285=K7 12 0714 15380 RUSS RL  P3+ 500   8570  361   94  54.78N  18.67W  LR  48C  KI  40C  LR  48C  KI  40C
1286=K7 15 0846 15380 RUSS RL  P3+ 500      0    0    0  39.38N  25.63E  N1 158C  N0 138B
1287=K7 15 0931 15380 RUSS RL  P3+ 500      0    0    0   0.00N   0.00E  n0 105B  bd 114B  bk   0
1288=K7 11 0931 15445 RUSS RL  P5   250    106   21  126  49.01N  12.46E  RO   0C  n2 150C  n1 120C  n0  80C  BK 120A  VB  44B
                                                                        BE  54A  PS  45B  LR  52B  CA  52B
1289=K7 11 0746 15445 RUSS RL  P5   250      0    0    0   0.00N   0.00E  ps  45B  be  48D
1290=K7 16 0631 15445 RUSS RL  P5   250      0    0    0   0.00N   0.00E  ro   0C  n1 140C
1291=K7 10 2110 11895 hung RFE G1B 250   2985  534  124  46.94N  22.82E  GI  36D  LR  49C  SS  41C  KI  44D  AL  40B  VB  46B
1292=KB 16 1616 15115 BULG RFE G2B 250      0    0    0  50.63N  65.89E  MU  65B  IT  72C
1293=KB 18 1519 17725 BULG RFE G10  50      0    0    0  59.12N   7.27E  N0  69B  BK   0
1294=KB 23 1801 17725 BULG RFE G10  50      0    0    0  40.70N  96.78E  RO  60C  BD  58C
1295=KB 24 1631  9565 RUSS RL  L7   100     0    0    0  55.87N  12.45E  RO   0C  BD  57B
1296=KB 13 2331 15130 RUSS RL  G15 250      0    0    0   0.00N   0.00E  n2 120B  n0  75B  bk   0
1297=KB 16 0201 15445 RUSS RL  G14 250      0    0    0  73.43N 167.55W  RO   0C  AN 339B
1298=KB 17 0331 15445 RUSS RL  P2   250      0    0    0   0.00N   0.00E  ro  50C  n3 120B  n0  90C
1299=KB 18 0731 17725 RUSS RL  G10  50      0    0    0  50.69N  95.94E  RO  50C  KO  52C
1300=KB 20 1301 17725 RUSS RL  G10  50      0    0    0  58.51N  40.45E  BD  58C  EN  85B
1301=KB 18 1043 17760 RUSS RL  L3   100     0    0    0   0.00N   0.00E  mu  70D  ko  75B  it  80D
1302=KB 19 0625 17770 RUSS RL  G18  10      0    0    0  59.05N   7.27E  BK   0   N0  73B
1303=KB 24 0601 17770 RUSS RL  G18  10      0    0    0  37.12S 174.33W  RO  50C  N0   0
1304=KB 19 0516 17895 RUSS RL  P1   250      0    0    0  55.24N  27.98E  KR  65B  KO  50B
1305=KB 20 0401 17895 RUSS RL  P1   250      0    0    0   0.00N   0.00E  ro   0C  bk   0   kr  61B  ko  55B
1306=KB 22 0631 17895 RUSS RL  P1+ 500      0    0    0  46.90S 172.73W  BK   0   KO  60C
1307=KB 20 1731  9565 UKR  RL  L7   100     0    0    0   0.00N   0.00E  ro   0C  bl  70B
1308=KB  8 2201 11885 UKR  RL  P5   250      0    0    0  58.63N  12.45E  RO   0C  N0  90C
1309=KF 14 1301 15340 ARM  RL  L4   100     0    0    0  55.35N  34.51E  N2 140C  N0  90B
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1310=KF 20 1940 17865 RUSS RL  G8  250  4581   91   79  64.26N 165.74E  FE 320A  AN 298B  LV 327C  DS 330A
1311=KF 23 1947 17865 RUSS RL  G8  250     0    0    0  47.26S  59.52E  FE 320B  AN 296B
1312=KF 13 1812 15380 UKR  RL  P3  250   630   78  104  64.06N 166.09W  LV 328B  HL 349C  gi 152C  FE 321A  DS 329B  AN 288D
1313=KF 13 1946 15380 UKR  RL  P3  250  1012  281   30  26.38S  75.22E  GI  23C  FE 320A  DS 325C
1314=KF 15 1940 15380 UKR  RL  P3  250   104   23  150  44.24N 118.09W  LV 317C  KI 323C  FE 320A  DS 329B  AN 296A
1315=KF 16 1848 15380 UKR  RL  P3  250     0    0    0   6.85N  91.99E  FE 321A  AN 298B
1316=KL 16 1256 21530 ???? ??????????   139   27  112  47.44N  33.04E  IT 104A  KO  82A  BL 104B
1317=KM 13 1410 15370 KAZA RL  HB  250     0    0    0   0.00N   0.00E  ds 356B  an 333C  ki 325C
1318=KM 14 1410 15370 KAZA RL  HB  250  2696  722    4  23.08N  67.69E  VB  40C  LV 352C  FE 346C  DS 356B  AN 330B
1319=KM 15 1331 15370 KAZA RL  HB  250     0    0    0  87.03N 167.55W  KO  0C  DS 357B
1320=KM 20 1105 17610 KAZA RL  L6  100   797  233  147  41.78N  62.70E  N2 120C  N0  90B  N1 105C  AN 331B  VB  14D  AL  13B
                                                                        HL 332B
1321=KM 20 0910 17610 RUSS RL  L6  100     0    0    0  62.47N 109.49E  HL 331B  GI 347C
1322=KM 21 1010 17610 TAJI RL  L6  100     0    0    0  41.69N  66.92E  HL 327B  AN 332C
1323=KM  8 0111 11770 TURK RL  HB  250     0    0    0   0.00N   0.00E  lv 314C  an 331B
1324=KM 20 1218 17610 TURK RL  L6  100     0    0    0  55.83N  81.62E  HL 331B  AN 328C
1325=KR 16 1710 15405 RUSS DW          8133  619   59  50.39N 148.87E  DS 318C  FE 308C  LV 314C
1326=KU 12 2139 15130 BR   RL  G15 250     0    0    0   0.00N   0.00E  kr  75B  bl  86C  mu  75B  ko  63C
1327=KU  9 1811 11915 RUSS DW          8664  320   90  61.68N 175.67W  KI 327C  FE 314C  DS 326C
1328=KU 13 0810 15290 RUSS RL  G15 250     0    0    0  48.01N 145.64E  FE 307C  HL 315C
1329=KU 13 1040 15290 RUSS RL  G15 250  2355  175   92  58.34N 167.50W  FE 307B  DS 322B  an 288C  LV 321D
1330=KU 14 1040 15290 RUSS RL  G15 250     0    0    0   0.00N   0.00E  lv 321C  fe 311A  an 288C
1331=KU 12 0642 15380 RUSS RL  P3+ 500  2530  103   80  61.78N 179.11E  FE 314B  DS 327C  AN 286C
1332=KU 12 1042 15380 RUSS RL  P3+ 500     0    0    0   0.00N   0.00E  lv 314C  fe 307B  ds 326C
1333=KU 12 0840 15380 RUSS RL  P3+ 500  2329  209   87  58.25N 173.93W  LV 318C  FE 307B  DS 324C
1334=KU 13 0741 15380 RUSS RL  P3+ 500     0    0    0   0.00N   0.00E  lv 313C  ds 325C  fe 307B
1335=KU 13 1113 15380 RUSS RL  P3+ 500  1816  212   97  58.29N 164.46W  LV 321C  FE 307C  DS 322C
1336=KU 15 0941 15380 RUSS RL  P3+ 500  2086  463   48  48.33N 139.57E  ds 338B  KI 322C  HL 315D  FE 306C  AN 287C
1337=KU 15 0844 15380 RUSS RL  P3+ 500  1674  256   57  53.90N 146.43E  LV 326C  KI 324C  FE 311B  HL 315D  DS 324A  AN 286C
1338=KU 17 0910 15380 RUSS RL  P3+ 500     0    0    0   0.00N   0.00E  gi 149C  ds 321B
1339=KU 11 1610 15405 RUSS DW          6002  431   40  40.64N 125.18E  LV 314B  KI 329C  FE 316C  DS 322B  AN 288B
1340=KU 16 1711 15405 RUSS DW             0    0    0  34.31N 122.80E  FE 310C  AN 286C
1341=KU 11 0517 15380 UKR  RL  P3  250     0    0    0  38.25N 125.13E  FE 311B  DS 320B
1342=KU 13 0513 15380 UKR  RL  P3  250     0    0    0   3.85N 101.64E  FE 310B  AN 288C
1343=KV 15 2040 15485 ???? ??????????? 3037  924  156  33.42N  66.98E  SS  43C  LR  27C  AN 331D  AL  23B
1344=KV 15 1810 15640 ???? ??????????? 2636  538  119  61.04N  21.37E  VB  28B  SS  35C  LR  40D  GI  32C  AL  26C
1345=KV 12 2131 15130 BR   RL  G15 250   345  114   91  52.54N  38.43E  RO  50C  BD  73B  bk   0  SS  35C  LR  42C  CA  40C
                                                                        BE  47C  AL  20C
1346=KV 17 2111 15130 BR   RL  G15 250  4116  714  155  42.27N  66.57E  AL  17B  GI  15C  SS  35C  PS  28D  BE  31C  LR  27C
1347=KV  5 2248 11815 CZEC RFE G3  250  3915  802   99  55.57N   1.47W  VB  42C  SS  33D  ps  57B  AL  41D
1348=KV  6 2218 11815 CZEC RFE G3  250  2741  830  169  30.13N  51.00E  FE   7B  AL  41C  PS  34C  LV 350D  AN 343C  bk   0
1349=KV  7 2343 11815 CZEC RFE G3  250     0    0    0   0.00N   0.00E  an 332C  fe 311C
1350=KV  8 2340 11815 CZEC RFE G3  250  1255  130  118  46.59N  57.08E  SS  34C  VB  39C  LR  40D  AN 337C  KR  78A
1351=KV  9 2340 11815 CZEC RFE G3  250 14106  527  141   9.20S 121.96E  MU  80B  KR  75A  KO  80B  IT  80C  bl  92B
1352=KV  9 2231 11815 CZEC RFE G3  250   923  280  134  43.54N  68.60E  N0  83B  BD  73B  bk   0  SS  35C  AN 333B  GI 344D
1353=KV  7 2131 11825 CZEC RFE G3B 250 12426  544  140  16.74N  97.22E  ro 250C  bk   0  BD  75B  KR  78C  IT  80C  BL  85C
                                                                        KO  80B
1354=KV  8 2316 11825 CZEC RFE G3B 250  8669  234    0  90.00N  90.00W  BK   0  RO  0C  n0  83B  BK   0
1355=KV 10 2031 11825 CZEC RFE G3B 250   867  198  136  38.96N  76.10E  N2 100B  N0  78B  BD  73C  BK  77B  HL 325B  BL  85C
                                                                        IT  84B  KR  76B
1356=KV 10 2301 11825 CZEC RFE G3B 250   857  206  121  47.06N  58.84E  KO  65C  BD  73C  bk   0  N0  87B
1357=KV 11 1019 15255 CZEC RFE G14 250  1277  397  145  42.28N  66.57E  bk   0  BD  75C  N2 110C  LV 334D  HL 332C
1358=KV 11 1601 15255 CZEC RFE G14 250     0    0    0   0.00N   0.00E  bd  77B  bk  75B  mu  81A  it  95C  bk   0
1359=KV 12 0731 15255 CZEC RFE G14 250   315   33  102  52.69N  33.17E  BD  77B  KO  63C  IT  85A  BL  80D
1360=KV 12 1712 15255 CZEC RFE G14 250     0    0    0  39.80N 172.73W  BK   0  HL 329B
1361=KV 12 1920 15255 CZEC RFE G14 250     0    0    0  37.55N 172.73W  HL 325B  BK   0
1362=KV 13 1301 15255 CZEC RFE G14 250   975   71  113  48.63N  50.43E  BD  76A  KR  80B  BL  81B  IT  85B  KO  75B  bk   0
                                                                        bk   0
1363=KV 16 0510 15255 CZEC RFE G14 250   964  103  129  41.70N  67.79E  SS  45C  BD  74A  BK  73B  N1  98B  ko  72A  KR  80A
                                                                        BL  80C  IT  85A
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1364=KV 15 1131 15255 CZEC RFE G14 250   566   91  124  46.58N  56.00E  N2 115C N0  90B KO  73C BL  79C IT  86A
1365=KV 17 1901 15255 CZEC RFE G14 250     0    0    0   0.00N   0.00E  ro  30C n0  87B bk   0
1366=KV 17 1731 15255 CZEC RFE G14 250  2271  137  117  48.12S 166.63E  ro   0C BD  72A bk   0 BL  81C IT  85B KR  81A
                                                                        ko  75B
1367=KV  6 2019 11970 EST  RFE P6  250     0    0    0   0.00N   0.00E  ps  37C ss  36C ca  53C
1368=KV  7 2018 11970 EST  RFE P6  250   926   45   94  53.47N  36.22E  BK  71A AL  36D LR  39C PS  32C BE  38B VB  32C
1369=KV  8 2040 11970 EST  RFE P6  250   395   63  180  60.10N   7.26E  PS  38C LR  42C BE  40B AL  38D BK   0
1370=KV  9 2011 11970 EST  RFE P6  250   809   65   89  55.19N  33.55E  SS  35C PS  40D LR  40C BD  66B BK  66B
1371=KV  6 1902 11970 LITH RFE P6  250   721  255  123  47.65N  60.71E  BK  73B PS  26C HL 330D LV   5D CA  35C LR  32C
                                                                        FE   7C KI 324C DS   8C AL  25C BE  39B AN 329C
                                                                        SS  37C
1372=KV  8 1901 11970 LITH RFE P6  250   789  195  127  48.54N  59.83E  N0  83B BD  70B bk   0 VB  35C PS  26C BE  43C
                                                                        AL  37B bk   0 HL 331C FE 358C AN 322C
1373=KV  9 1916 11970 LITH RFE P6  250  8494  236  122  46.40N  72.20E  BK  70B BD  67B BK  70B
1374=KV  4 0231 11770 PASH RFE HB  250     0    0    0   0.00N   0.00E  n0  88B n2 140C hl 326C
1375=KV 11 2101  7235 RUSS DW          945  170  133  45.50N  64.89E  N1 100B N0  85B BD  75C bk   0 IT  80D KR  74B
1376=KV 13 2031  7235 RUSS DW           46   17    2  53.02N   7.27E  BD  74B BK   0 BK   0
1377=KV 15 2031  7235 RUSS DW            0    0    0   0.00N   0.00E  it  85C kr  70C bl  85C
1378=KV 17 2146  9520 RUSS RL  L1  100    0    0    0   0.00N   0.00E  ko  68C kr  71B bl  80B
1379=KV 18 1906  9520 RUSS RL  L1  100    0    0    0   0.00N   0.00E  kr  77B it  80B bl  85B
1380=KV 18 0019  9520 RUSS RL  L1  100    0    0    0   0.00N   0.00E  ss  31C al  38C ki  40B
1381=KV 18 2340  9520 RUSS RL  L1  100    0    0    0  56.06N   7.27E  SS  36C BK   0
1382=KV 20 0031  9520 RUSS RL  L1  100  229   48  102  51.30S 174.84W  N0   0 KR  75C ko  70C IT  70C BL  85D
1383=KV 20 2001  9520 RUSS RL  L1  100    0    0    0  40.02N  73.63E  BD  73C N0  83C
1384=KV 20 2301  9520 RUSS RL  L1  100   47   26    5  53.18N   7.27E  BD  72B BK   0 SS  37C
1385=KV 21 2301  9520 RUSS RL  L1  100 2715  214  106  51.90N  38.66E  BD  75C BE  41C lr  59D SS  32C al  45C
1386=KV 21 2231  9520 RUSS RL  L1  100    0    0    0   0.00N   0.00E  n0  85B n2 125C bd  75C
1387=KV 18 2301  9750 RUSS RL  P2  250    0    0    0  56.98N  29.49E  kO  30C N0  88B
1388=KV 20 2231  9750 RUSS RL  P2  250    0    0    0   0.00N   0.00E  bd  73B bk   0 n1 103C
1389=KV  4 0042 11725 RUSS RL  P5  250    0    0    0  43.68N 110.53E  LV 325C DS 332C
1390=KV  7 0011 11725 RUSS RL  P5  250    0    0    0   0.00N   0.00E  ds 344C lv 316C an 285C
1391=KV  8 0002 11725 RUSS RL  P5  250    0    0    0   0.00N   0.00E  bk   0 lv  96D ss  35C
1392=KV  8 0141 11725 RUSS RL  P5  250 3821 1182   52  35.57N 106.81E  DS 328D HL 305C LV 323C
1393=KV  9 0148 11725 RUSS RL  P5  250    0    0    0   0.00N   0.00E  lv 325D gi  25D hl 310C
1394=KV  5 0210 11770 RUSS RL  HB  250    0    0    0   0.00N   0.00E  kr  60A ko  80B hl 317C
1395=KV  8 0001 11825 RUSS RL  G3B 250    0    0    0  90.00N  90.00W  KO   0C BK   0
1396=KV  6 2331 11855 RUSS RL  P1  250    0    0    0  51.67N  44.22E  BD  73B BK  74B
1397=KV  6 0112 11915 RUSS RL  P1  250    0    0    0  76.68N 148.00W  LV 351C DS 349C
1398=KV  7 0110 11915 RUSS RL  P1  250    0    0    0   0.00N   0.00E  bk   0 ds 336C lv 308C
1399=KV  9 0211 11915 RUSS RL  P1  250    0    0    0   0.00N   0.00E  gi  38D ss  36C lv 324D
1400=KV  5 0043 11935 RUSS RL  G9   50    0    0    0  48.44N  93.10E  HL 321C DS 345C
1401=KV  7 0047 11935 RUSS RL  G9   50 3342 1100   42  40.10N  98.86E  LV 328C HL 312C DS 340C
1402=KV  4 2331 11970 RUSS RL  P6  250  908  138  119  49.86N  55.84E  N0  84B n3 165B BD  70B BK  74B DS 351C VB  40C
                                                                        SS  40D PS  35C GI  27C
1403=KV  8 2231 11970 RUSS RL  P6  250  396   57    1  59.88N   8.00E  RO   0C BK   0 VB  34C SS  35C PS  40C LR  40C
                                                                        AL  36C
1404=KV 10 1217 11970 RUSS RL  HA  250 4075  408  101  59.12N   3.80W  PS  38C VB  35C VB  35C PS  41C LR  38D AL  39C
1405=KV 11 0140 15130 RUSS RL  G1B 250    0    0    0   0.00N   0.00E  ps  40D ss  35C al  30D
1406=KV 11 1016 15130 RUSS RL  P6  250    0    0    0  54.01N  29.26W  LR  49B VB  40C
1407=KV 13 0111 15130 RUSS RL  G1B 250    0    0    0  39.68N  68.73E  AN 330C SS  35C
1408=KV 13 2340 15130 RUSS RL  G15 250  884   77  109  50.27N  44.49E  SS  32C IT  85B KR  80B KO  73C BL  80C
1409=KV 15 0131 15130 RUSS RL  G1B 250    0    0    0   0.00N   0.00E  ro  30C lr  26C be  41C
1410=KV 16 0040 15130 RUSS RL  G1B 250    0    0    0  47.77N  28.18E  SS  43C AL  40C
1411=KV 17 2231 15130 RUSS RL  G15 250    0    0    0  53.60N  12.45E  RO   0C BD  73A
1412=KV 12 2301 15170 RUSS RL  G18  10  351   39   92  53.59N  21.77E  bk   0 BD  75B ko  65C BL  75C IT  87B SS  35C
                                                                        PS  40C
1413=KV 16 2340 15170 RUSS RL  G18  10    0    0    0  23.15N  87.21E  SS  33C LV 331D
1414=KV 16 2231 15170 RUSS RL  G18  10  660   73  116  46.98N  56.07E  N0  85B BD  76C bk   0 KR  80A BL  80C IT  85B
                                                                        KO  73A
1415=KV 12 0341 15255 RUSS RL  G18  10    0    0    0  57.89N   7.27E  SS  34C BK   0
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1416=KV 15 0401 15255 RUSS RL G18  10    43    6   86  58.88N   7.27E  N0  85A  BK   0  SS  40C  BK   0
1417=KV 17 0418 15255 RUSS RL G18  10  1625  165  123  44.29N  68.52E  BK  75A  PS  13C  AL  20B  BK  74B
1418=KV 11 0301 15290 RUSS RL G15 250  2197  317  142  37.20N  73.55E  BD  76B  N0  85C  N1  99B
1419=KV 11 1620 15290 RUSS RL P1  250    46   13    1  52.81N   7.27E  BK   0  ro   0C  BD  77B  BK   0  AL  38C  SS  41D
                                                                       VB  28C  BK   0
1420=KV 13 1140 15290 RUSS RL G15 250  7421  966  151  31.63N  73.54E  VB  24B  BE  32C  SS  38C
1421=KV 13 1031 15290 RUSS RL G15 250     0    0    0  48.23N  53.01E  N0  90B  BD  75C
1422=KV 16 0701 15290 RUSS RL G15 250     0    0    0   0.00N   0.00E  bl  88C  bk   0
1423=KV 17 0401 15290 RUSS RL G15 250    47   18    2  53.18N   7.27E  n3 115C  n1  95B  BD  72B  BK   0  BK   0
1424=KV 11 0201 15340 RUSS RL G15 250   946  140  124  46.87N  59.37E  N0  85B  BD  74A  AN 341C  BE  35C  GI  21D  AL  21C
                                                                       VB  30C  SS  35C
1425=KV 12 0112 15340 RUSS RL G15 250  1511  682  168  41.13N  59.89E  LV 328D  SS  40C  LR  27B  AL  30C  AN 339B  PS  42D
1426=KV 13 0110 15340 RUSS RL G15 250  1724  243  116  48.66N  57.93E  LR  25C  VB  35C  SS  35C  AL  20C  BK  74B
1427=KV 15 0001 15340 RUSS RL G15 250    61   17  102  58.66N   7.26E  N0 100C  BK   0  SS  31C  al  13C
1428=KV 16 0105 15340 RUSS RL G15 250  1069  552  171   4.34S  91.84E  N3 116B  N1 100B  SS  34C  LR  18C  gi  60C  AL  30C
                                                                       GI 318C  DS 327B
1429=KV 16 0931 15370 RUSS RL HB  250     0    0    0   0.00N   0.00E  n1 135B  n0 100C  bd  70C
1430=KV 16 1201 15380 RUSS RL P3+ 500    42   11   91  58.80N   7.27E  n3 140B  N0  90B  bd  75C  BK   0  BK   0
1431=KV 16 1301 15380 RUSS RL P3+ 500  2126  385  133  40.63N  65.15E  BD  78B  AL  22C  PS  40D  CA  29C  BE  30B  SS  35C
1432=KV 16 1141 15380 RUSS RL P3+ 500  3598  487  161  21.51S  79.40E  KI  19D  AL  37C  ds  15C  GI   8C
1433=KV 18 0731 17725 RUSS RL G10  50   422   54  113  50.28N  39.45E  bk   0  BD  75B  N0  98B  n0 110C  KR  80B  BL  90C
                                                                       lT  90B  n0 116B
1434=KV 18 1231 17725 RUSS RL G10  50   508   97  127  52.44N  55.16E  N0  82B  bd  74B  N1 101B  BL  70D  IT  75C  ko  75B
                                                                       SS  34C  PS  41C  gi  20C  VB  46C  DS  34C  N0  82B
1435=KV 18 1040 17725 RUSS RL G10  50   491   63  180  60.03N   7.27E  SS  36C  VB  27C  AL  39C  BK   0  BE  42C
1436=KV 19 0910 17725 RUSS RL G10  50  3180  658  152   1.42N 105.08E  VB 347D  SS  37C  BD  74B  N0  80B  MU  80D  bk   0
1437=KV 19 0550 17725 RUSS RL G10  50     0    0    0  39.73N 110.40W  KI 323D  DS 356D
1438=KV 19 0603 17725 RUSS RL G10  50   622   92  127  52.00N  46.07E  N0  89B  N1 114C  bk  90A  n2 139B  N0  89B
1439=KV 19 1101 17725 RUSS RL G10  50   769  215  144  44.44N  60.47E  BD  75B  N2 115B  bk   0  SS  36C  LR  37B  AN 330C
1440=KV 20 0609 17725 RUSS RL G10  50     0    0    0   0.00N   0.00E  vb  40C  ss  36C  be  31B
1441=KV 21 0611 17725 RUSS RL G10  50  2551  546  176   6.43N  95.22E  bk   0  VB  13C  SS  36C  PS   0D  gi  17C  AL 358A
1442=KV 21 1110 17725 RUSS RL G10  50   567   73  180  70.33N   7.29E  BK   0  VB  24C  SS  36C  PS  16D  LR  18C  BK   0
1443=KV 22 0540 17725 RUSS RL G10  50     0    0    0   0.00N   0.00E  bk   0  ss  34C  gi  11D
1444=KV 22 1031 17725 RUSS RL G10  50     0    0    0  41.41N  68.19E  EN  97B  BD  75B
1445=KV 24 1231 17725 RUSS RL G10  50  1350  187  126  46.20N  61.79E  N0  83C  BD  75B  bk   0  IT  81B  VB  26C  SS  37C
                                                                       LR  25B  KI  15C  GI  33D  BE  32B
1446=KV 24 1131 17725 RUSS RL G10  50   130   62  133  57.18N  35.56E  N2 135C  N0  83B  N3 155C  bd  75B  bk   0
1447=KV 18 0631 17735 RUSS RL G2B 250     0    0    0  13.19S  92.01E  N3 115C  N0 100B
1448=KV 18 1810 17750 RUSS RL HC  250  7402  804  145  44.93N  62.65E  VB  25C  SS  34C  LR  24D  BE  33B
1449=KV 18 0914 17750 RUSS RL HC  250    69   17    1  52.95N   7.27E  BK   0  BD  75C  BK   0  n0 195C  SS  37C
1450=KV 20 1701 17750 RUSS RL HC  250  1726  243  140  40.64N  69.94E  N1 100B  N0  85B  BD  75B
1451=KV 22 0731 17750 RUSS RL HC  250   203   85  134  51.13N  37.33E  N2 140B  N0 100C  BD  77B
1452=KV 18 1733 17770 RUSS RL G3A 250     0    0    0  48.97S 170.55E  BL  85D  IT  75C
1453=KV 18 1431 17895 RUSS RL P1  250  1056  214  121  48.73N  65.25E  bk   0  KO  68B  DS   7C  SS  34C  BE  35C  N0  78B
1454=KV 18 2140 17895 RUSS RL G8  250     0    0    0   0.00N   0.00E  bk   0  ss  44C
1455=KV 21 1440 17895 RUSS RL P1  250   582   62  180  59.65N   7.28E  SS  38C  KI  21C  BE  43C  BK   0
1456=KV 23 1442 17895 RUSS RL P1  250     0    0    0   0.00N   0.00E  be  32C  vb  35C
1457=KV 24 2101 17895 RUSS RL G8  250   543  154  138  42.19N  67.05E  N2 109B  BD  75B  bk   0  N3 119B  n0   0  IT  85B
                                                                       BL  90C  KO  72B
1458=KV 13 1513 21735 RUSS RL G18  10  8659  319  135  60.35N  46.52E  VB  24B  PS  21C  CA  27B  BE  30A
1459=KV 14 1519 21735 RUSS RL G18  10  2165  796  171    .92N  85.69E  LV 317C  LR  21C  KI 342D  CA  34C  BE  30B  AN 330D
1460=KV 17 1501 21735 RUSS RL G18  10   571  124  136  43.35N  66.20E  ro   0C  N3 118B  N0  88A  BD  72A  bk   0  SS  32C
                                                                       DS   1C  AN 332C  AL  19B
1461=KV 14 0801 21745 RUSS RL G18  10    42   17   89  58.83N   7.27E  N0  88C  BK   0  BK   0
1462=KV 14 0740 21745 RUSS RL G18  10     0    0    0  53.50N 103.24W  DS  10B  LV  33D
1463=KV 17 0931 21745 RUSS RL G18  10     0    0    0   0.00N   0.00E  ro  60C  bd  74A  bk   0  n0  85C
1464=KV 21 1617 17750 TB    RL HC  250   519   48  180  62.85N   7.26E  AL  40C  BE  32C  SS  36C  BK   0  BK   0
1465=KV  6 1810 11885 UKR   RL P5  250    48   26    6  53.26N   7.27E  SS  37D  BD  71B  BK   0  mu  73B
1466=KV  7 1731 11885 UKR   RL P5  250   203   12   95  52.48N  14.70E  n0  82B  AL  40C  BL  95B  KR  75B
1467=KV 10 1809 11885 UKR   RL P5  250  7556 1116  141  33.45N  62.65E  VB  38C  SS  42C  BE  35C
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1468=KV 13 1701 15380 UKR  RL  P3  250   840  106  117  47.60N  55.58E  ro  0C  N0  85B  BD  75B  KR  80B  IT  95D  BL  85D
                                                                        KO  73B  BK  75B
1469=KV 21 1510 17895 UKR  RL  P4  250     0    0    0  53.84N  19.98E  BE  46C  SS  38C
1470=KV 21 1940 17895 UKR  RL  P4  250     0    0    0   0.00N   0.00E  vb  20C  ss  41C  bk   0
1471=KV 21 1846 17895 UKR  RL  P4  250     0    0    0   0.00N   0.00E  ss  39C  gi   6A  ki  31C
1472=L4 20 0431  9555 BULG RFE G8  250     0    0    0   0.00N   0.00E  bd 104B  bk   0  n0 140C
1473=L4 22 0401  9555 BULG RFE G8  250     0    0    0   0.00N   0.00E  n2 165C  n0 125B  ss  51C
1474=L4 18 1940 17725 BULG RFE G10  50  4295  727  139  29.39N  46.16E  SS  54C  PS  42B  GI  30C  BE  53B
1475=L4 18 2012 17725 BULG RFE G10  50  1986  796  146  41.89N  26.95E  PS  44B  VB  47D  FE  23C  AN   2C
1476=L4 19 2117 17725 BULG RFE G10  50  1066  272  138  42.02N  25.21E  VB  44B  SS  47C  LV  25C  LR  50B  KI  38C  GI  36B
                                                                        FE  21B  DS  31A  BE  52B  AN   3B  AL  49A
1477=L4 19 2040 17725 BULG RFE G10  50  1180  238  130  44.55N  22.75E  VB  43B  SS  44C  PS  44B  LV  29C  LR  49C  KI  40B
                                                                        FE  21B  DS  28B  BE  53A  AN   2C  AL  48A
1478=L4 19 1907 17725 BULG RFE G10  50   575  160   43  62.27N  68.40W  bk 114A  PS  14C  LR  11D  ki  39B  GI  30B  be  24B
1479=L4 19 1631 17725 BULG RFE G10  50     0    0    0   0.00N   0.00E  bd 105A  n0 210C  n3 296B  n2 218B
1480=L4 20 2101 17725 BULG RFE G10  50    93   25  132  46.54N  19.92E  BD  90C  BK 112B  N0 130C  SS  43C  AL  48A  LR  49B
                                                                        KI  39B  GI  35C  PS  45C  FE  27C  DS  32B  LV  27C
                                                                        VB  44B  BE  52B  AN   2C  AL  48A  VB  44B  SS  43C
                                                                        KI  39B  GI  38C  BE  52B  KR 120C  KO 105B  bl 126A
                                                                        IT 134A
1481=L4 20 2040 17725 BULG RFE G10  50  1436  254  120  50.47N   8.87E  VB  43B  LR  48C  SS  43C  FE  27C  DS  32B  LV  28C
                                                                        BE  51B  AL  48A
1482=L4 20 1710 17725 BULG RFE G10  50  1097  222  125  48.39N  13.82E  VB  48C  LR  46C  LV  31C  KI  38C  FE  32B  GI  41A
                                                                        PS  42B  BE  54A  DS  29C  AN   4C
1483=L4 21 2110 17725 BULG RFE G10  50  1316    2  133  50.87N   7.67E  LR  48B  VB  44B  KI  38B  be  52B  AL  48C  BK 114A
1484=L4 21 2001 17725 BULG RFE G10  50   380   18    1  52.46N   7.27E  BK   0  LV  24C  DS  32C  GI  37B  BE  52C  LR  48B
                                                                        AN   2C  VB  43B  AL  48C
1485=L4 21 1940 17725 BULG RFE G10  50  3251  383  131  44.15N  25.47E  SS  46D  PS  44B  LV  23D  KI  36B  LR  48B  GI  37B
                                                                        BE  53B  AL  44B
1486=L4 21 1710 17725 BULG RFE G10  50   248   16  180  52.84N   7.27E  AL  43B  BE  53B  FE  37C  SS  43C  DS  33B  LR  49C
                                                                        GI  37C  PS  42B  BK   0  SS  43C  VB  45B  LR  47C
                                                                        GI  37B  DS  33B  BE  50C  AL  36C  PS  38D  FE  24B
                                                                        BK   0
1487=L4 22 1910 17725 BULG RFE G10  50  1812  398  134  40.05N  28.38E  SS  54C  PS  44B  GI  38B  FE  24C  DS  36B  CA  49C
                                                                        BE  52C  AL  43C  SS  54C  PS  43B  GI  38B  bk   0
1488=L4 23 1610 17725 BULG RFE G10  50  1760  271  127  46.05N  21.13E  PS  43B  LR  50B  FE  25C  LV  27C  DS  32B  AN   3D
                                                                        CA  49B  BE  53A
1489=L4 22 1510 17725 BULG RFE G10  50  4859  170  129  38.82N  40.13E  BK 105B  SS  54C  PS  45B  LR  30D  BE  51C
1490=L4 23 1535 17725 BULG RFE G10  50     0    0    0  45.78N  18.78E  KR 120D  IT 140A
1491=L4 23 1801 17725 BULG RFE G10  50    48   20  138  50.30N  15.71E  n3 110B  n2 100B  n0  73B  KO  58B  BL 130B  IT 135A
                                                                        SS  56C  VB  46C  LR  50B  DS  31B  PS  43B  CA  51A
                                                                        AL  45B  BE  53A
1492=L4 24 1731 17725 BULG RFE G10  50   347   71  135  43.94N  25.53E  N0 132B  BD 105B  SS  54C  PS  44B  LV  26C  LR  50C
                                                                        KI  38B  DS  31B  CA  50B  BE  53B  SS  54C  PS  44B
                                                                        KI  38B  CA  50B  BE  53B
1493=L4 23 2143 17725 BULG RFE G10  50  3316  146  107  53.98N   2.37W  LR  49B  KI  39B  CA  50A  BE  52A  AL  44B
1494=L4 24 2001 17725 BULG RFE G10  50   132   38  132  44.82N  24.24E  N2 168B  N1 158B  N0 131B  BD 105A
1495=L4 24 1914 17725 BULG RFE G10  50  2655   71  131  43.09N  23.90E  BK 119B  CA  50B  BE  52B  SS  50C  PS  44C  LR  50C
                                                                        KI  39B  GI  39C  DS  31B
1496=L4 17 1601 21500 BULG RFE G1A 250   219   40  125  47.98N  19.29E  BK 106B  KR 110C  IT 130B  AN   1C  SS  50C
1497=L4 24 0831 17725 RUSS RL  G10  50     0    0    0  57.25N  32.11E  N1 125C  N0  85B
1498=L8 20 1040 17835 CZEC RFE G11  50     0    0    0   0.00N   0.00E  ss  45C  vb  43D  gi   0C
1499=LD 12 1401 15290 DARI RFE G15 250     0    0    0   0.00N   0.00E  n2 110C  n0  85B  bk   0
1500=LD 15 2001  7225 EUR  IBA             0    0    0  54.23N  51.95E  N1 103C  N0  80C
1501=LD 13 1340 15290 PASH RFE G15 250  2557  885   20  66.12N  91.99E  VB 357C  LV 350C  HL 325D  DS 355C
1502=LD 24 1331 17770 PASH RFE G3A 250     0    0    0  55.46N  43.13E  BD  65C  KR  65D
1503=LD 16 1731 15290 RUSS RL  P1  250  2584  145  117  48.20N  66.89E  bk   0  bk   0  MU  75C  KR  70B  IT  74B  bl  70B
                                                                        KO  65C  BK  70B  BK  70B
1504=LD 16 2201  7255 TAJI RL  L7  100    51   23    5  53.84N   7.27E  BD  64B  BK   0  BK   0
1505=LD 18 1846  9565 UKR  RL  L7  100     0    0    0  57.46N 134.37E  LV 325D  HL 325B
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1506=LD 21 2142 9565 UKR RL P4 250 4135 578 34 60.24N 96.35E LV 335C HL 330D AN 323C FE 344C
1507=LD 21 2040 9565 UKR RL L7 100 5247 940 13 30.24N 68.53E LV 342D HL 315D FE 350B AN 330C
1508=LD 21 1811 9565 UKR RL L7 100 0 0 0 58.57N 109.64E LV 335C HL 327C
1509=LD 22 1810 9565 UKR RL L7 100 0 0 0 .70S 60.38E GI 31C AN 326C
1510=LF 19 2036 9670 ???? ????????????? 0 0 0 0.00N 0.00E mu 80D kr 72C ko 60C
1511=LF 5 2117 11865 ???? ????????????? 2928 284 93 62.61N 12.99W CA 39C AL 38B BE 40C
1512=LF 5 0516 11975 ???? ????????????? 0 0 0 53.59N 27.26E GI 30C AL 36B
1513=LF 22 1446 17760 AZ RL L3 100 0 0 0 0.00N 0.00E ko 75B bl 109C it 114C
1514=LF 5 1710 6105 RUSS RL L9 20 0 0 0 48.36N 17.55E KO 80C MU 85D
1515=LF 6 1301 6105 RUSS RL L9 20 0 0 0 0.00N 0.00E mu 43D ko 90C bk 0
1516=LF 6 1631 6105 RUSS RL L9 20 0 0 0 0.00N 0.00E ro 0C mu 35D it 90C
1517=LF 7 1401 6105 RUSS RL L9 20 0 0 0 90.00N 90.00W RO 0 BK 0
1518=LF 8 1031 6105 RUSS RL L9 20 0 0 0 48.85N 20.12E RO 35C MU 80C
1519=LF 9 1231 6105 RUSS RL L9 20 0 0 0 48.20N 15.93E RO 20C KO 81B
1520=LF 9 1731 6105 RUSS RL L9 20 0 0 0 90.00N 90.00W RO 0C BK 0
1521=LF 10 0931 6105 RUSS RL L9 20 0 0 0 38.33S 172.73W RO 50C BK 0
1522=LF 10 0831 6105 RUSS RL L9 20 0 0 0 0.00N 0.00E bk 0 ro 30C ko 84B kr 68D bl 120D
1523=LF 10 0701 6105 RUSS RL L9 20 0 0 0 0.00N 0.00E ro 30C n0 115B bk 54A
1524=LF 9 1631 6105 RUSS RL L9 20 0 0 0 90.00N 90.00W RO 0C BK 0
1525=LF 10 1531 6105 RUSS RL L9 20 142 50 101 47.48S 172.73W ro 0C KO 82B MU 78C BK 0
1526=LF 10 1831 6105 RUSS RL L9 20 0 0 0 48.02N 12.45E RO 0 KO 80C
1527=LF 13 0231 7145 RUSS RL B1 100 0 0 0 50.66N 12.45E RO 0C BD 95B
1528=LF 12 0528 7155 RUSS RL L6 100 0 0 0 0.00N 0.00E mu 80C ko 55C ro 40C bk 0
1529=LF 16 0331 7210 RUSS DW 0 0 0 34.31S 172.73W RO 30C BK 0
1530=LF 12 2210 7220 RUSS RL L2 100 0 0 0 90.00N 90.00W BK 0 RO 0C
1531=LF 14 0531 7220 RUSS RL L2 100 0 0 0 0.00N 0.00E ro 30C it 75B ko 52B
1532=LF 17 0531 7220 RUSS RL L2 100 0 0 0 0.00N 0.00E ro 0C bk 0 kr 97B ko 80C
1533=LF 13 1516 7255 RUSS DW 0 0 0 49.38N 25.65E KO 75C KR 92C
1534=LF 14 1512 7255 RUSS DW 117 25 108 48.55N 23.47E BL 118B KR 98A KO 78B MU 85B
1535=LF 15 0316 7285 RUSS DW 0 0 0 0.00N 0.00E mu 40D ko 55C it 85C
1536=LF 18 1331 9520 RUSS RL L1 100 0 0 0 90.00N 90.00W RO 0C BK 0
1537=LF 19 0831 9520 RUSS RL L1 100 0 0 0 90.00N 90.00W RO 0C BK 0
1538=LF 22 0701 9660 RUSS RL B6 100 0 0 0 36.79S 172.73W RO 40C BK 0
1539=LF 20 0310 9690 RUSS DW 540 91 70 51.21N 20.58E KO 60C AN 359C BE 50B SS 42D KI 37C LR 44B
1540=LF 24 0320 9705 RUSS RL G2A 250 5202 212 80 60.59N 25.02W LR 38B CA 42C BE 43C
1541=LF 19 2243 9750 RUSS RL P2 250 0 0 0 45.13N 34.08E BE 48B AN 357D
1542=LF 8 2301 11725 RUSS RL P5 250 0 0 0 49.52N 27.94E N0 116C BD 87B
1543=LF 10 0240 11725 RUSS RL G4 250 7843 816 125 55.20N 26.99E PS 35D LR 39C GI 27D VB 32C
1544=LF 5 0901 11770 RUSS RL B6 100 0 0 0 0.00N 0.00E bk 90C it 109C mu 50D ko 78B
1545=LF 4 0701 11855 RUSS RL HA 250 2449 111 112 49.60S 179.56E BK 76B KR 70B BK 76B
1546=LF 6 0210 11855 RUSS RL G10 50 1908 426 122 57.48N 8.61E LV 27C FE 21C DS 34C BE 43C AL 41B
1547=LF 7 0711 11855 RUSS RL HA 250 11343 1068 140 31.78N 45.59E VB 45C LR 45C AL 40C
1548=LF 5 0801 11875 RUSS RL L5 100 1596 40 102 50.30N 17.50E BK 93B KR 95B VB 43C LR 44C
1549=LF 10 1031 11875 RUSS RL L5 100 0 0 0 0.00N 0.00E ro 10C bk 0 ko 56A ko 85B kr 96C
1550=LF 10 0740 11970 RUSS RL G3A 250 5664 322 105 54.76N .72W VB 41B LR 48D BE 50B CA 49C
1551=LF 12 0901 15130 RUSS RL P6 250 0 0 0 0.00N 0.00E ro 280C bk 0
1552=LF 16 0040 15130 RUSS RL G1B 250 7317 145 68 56.15N 42.01W PS 37C LR 43C BE 46C
1553=LF 11 0340 15290 RUSS RL G15 250 0 0 0 68.88N 8.60E LR 27B GI 24C
1554=LF 12 0510 15290 RUSS RL G15 250 703 81 102 50.60N 39.54E BE 48C MU 75D KR 80C it 78C BL 85C KO 70C
1555=LF 12 1814 15290 RUSS RL P1 250 0 0 0 54.75N .63W VB 40C BE 51A
1556=LF 16 1017 15290 RUSS RL G15 250 0 0 0 0.00N 0.00E ss 45D vb 43C bk 0 bk 0
1557=LF 16 0701 15290 RUSS RL G15 250 0 0 0 47.78N 23.90E RO 50C KO 84B
1558=LF 16 1914 15290 RUSS RL P1 250 0 0 0 50.96N 27.36E AL 38A SS 40C
1559=LF 16 0110 15340 RUSS RL G15 250 0 0 0 2.08S 72.22E PS 39B LR 45B
1560=LF 11 1831 15370 RUSS RL HB 250 0 0 0 52.94N 12.45E RO 0C BK 58B
1561=LF 14 0631 15370 RUSS RL HB 250 116 53 95 52.33N 22.83E RO 30C KR 80C IT 95C IT 95C bl 70B ko 75B
1562=LF 19 0701 17610 RUSS RL L6 100 0 0 0 42.19N 68.42E KO 70C N0 85C
1563=LF 18 0631 17735 RUSS RL G2B 250 0 0 0 0.00N 0.00E ro 0C ko 75C it 80D
1564=LF 22 0731 17750 RUSS RL HC 250 0 0 0 27.95S 113.34E EN 100C BD 91B
1565=LF 18 1018 17760 RUSS RL L3 100 3419 528 108 53.82N 8.86E SS 38C VB 42C LR 44B

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1566=LF 18 1240 17760 RUSS RL  L3  100  5382  665  128  47.82N  27.75E  VB  39B  PS  41B  GI  32C
1567=LF 22 0531 17760 RUSS RL  L3  100     0    0    0   0.00N   0.00E  n0 120B  bd  91B  bk   0
1568=LF 23 0601 17760 RUSS RL  L3  100     0    0    0  51.35N  12.45E  RO   0C  BD  90C
1569=LF 19 1801 17795 RUSS DW              0    0    0  57.89N  32.87E  N3 160C  N0  82B
1570=LF 18 1947 17865 RUSS RL  G8  250     0    0    0  64.32N  28.12E  LV  13D  AN   1B
1571=LF 23 1737 17885 RUSS RL  G18  10     0    0    0   0.00N   0.00E  n2 150C  n1 145C  n0 105C
1572=LF 23 2131 17885 RUSS RL  G18  10  1227  407  159   9.02S 113.03E  N0  90B  MU  86C  KO  84A  SS   2C
1573=LF 13 1101 21455 RUSS RL  G2B 250   226   41  118  48.14N  28.20E  N0 119B  BD  91A  bk   0  bl 115B  KR  95D
1574=LF 15 1117 21530 RUSS RL  G8  250   682   33  180  53.89N   7.27E  BK   0  VB  40C  BE  50C
1575=LF 12 1001 21735 RUSS RL  G18  10     0    0    0   0.00N   0.00E  ro  30C  bd  91A  bk   0
1576=LF 20 0301  9625 UKR  RL  P4  250    68   15    0  52.70N   7.27E  ro  70C  BD  78C  BK   0  bl 110D  BK   0
1577=LF 19 0531  9660 UKR  RL  HC  250  1644  165  109  49.24S 169.44E  ro   0C  BD  72B  BK  88A  MU  95C  ko  81A  it 113C
                                                                        BL 100D
1578=LF 11 0409 15380 UKR  RL  P3  250  1712   50   98  51.03N  14.91E  KR  91B  lr  23B  CA  49C  SS  45D  PS  41D  BE  49C
1579=LF 11 0510 15380 UKR  RL  P3  250   756   13  179  52.02N   7.27E  LR  46C  SS  41D  VB  43C  BK   0
1580=LF 11 2110 15380 UKR  RL  P3  250  2014  218  120  55.17N  16.50E  GI  31C  CA  45C  AL  40A  BE  44B  KI  33C  LR  40A
                                                                        SS  42C  VB  38C
1581=LF 20 1331 17735 UKR  RL  G3  250     0    0    0  38.57N  57.27E  N1 115B  MU  89C
1582=LF 22 1201 17735 UKR  RL  G3  250   132   36  108  49.48N  23.43E  ro   0C  n0 110B  BD  91B  KO  74B  BL 110B  IT 114C
1583=LF  8 1910 11770 roma RFE G3  250   549   59  180  58.55N   7.27E  VB  34C  BE  45C  AL  38C  BK   0
1584=LF  8 1812 11770 roma RFE G3  250     0    0    0  48.82N  28.63E  VB  39D  AL  39B
1585=LK 10 0210 11655 ???? ????????????    0    0    0  56.43N  28.11W  LR  45D  VB  37C
1586=LK 20 0101  9680 ARM  RL  L3  100     0    0    0   0.00N   0.00E  ro 250C  be  45C  bk   0
1587=LK 17 1931 15340 ARM  RL  L4  100   158   39   79  55.18N  27.00E  RO  30C  KR  67B  IT  74B  BL  65C  KO  50C
1588=LK 22 1443 17760 AZ   RL  L3  100     0    0    0  44.13N  45.04E  SS  42C  BE  43C
1589=LK  7 0401  5955 BR   RL  HD  250   102   30   68  55.46N  22.96E  RO  30C  BD  67B  bk   0  IT  69B  BL  67C  KR  67C
                                                                        KO  40B  KO  40B  mu  25C  SS  45C  LR  20C
1590=LK 20 1631  9505 EST  RFE HA  250    75   33   68  55.61N  22.08E  ro   0C  N3 185B  IT  67B  BL  60C  MU  40C  KR  60B
                                                                        ko  47B  IT  75C
1591=LK 23 2001  9505 EST  RFE HA  250   144   37   63  53.10N  20.17E  ro   0C  bk  56B  MU  45B  kr  65A  KO  48B  BL  80C
1592=LK  6 0016  6180 EUR  IBA             170   39   74  54.85N  20.98E  KO  40C  BL  62C  IT  76B  KR  65C
1593=LK 22 2301  9660 KAZA RL  HC  250     0    0    0  53.59N   7.27E  BD  67B  BK   0
1594=LK 13 1416 15370 KAZA RL  HB  250     0    0    0   0.00N   0.00E  ss  43C  be  37C  al  35A
1595=LK 17 1401 15370 KAZA RL  HB  250   148   25   66  55.15N  25.26E  ro   0C  BD  70C  bk  53B  SS  37C  GI  22D  MU  45B
                                                                        KR  65B  BL  60B  KO  48A
1596=LK 14 1031 21510 KAZA RL  HD  250   105   24   90  54.73N  20.81E  bl  96B  ko  70B  KR  64B  IT  78A  N0 110B  BE  43B
1597=LK 15 1101 21510 KAZA RL  HD  250     0    0    0  57.73N   5.71E  BD  27B  VB  36C
1598=LK 22 1801  9505 LAT  RFE HA  250     0    0    0   0.00N   0.00E  n0  70B  n2 165B  bd  67B  bk   0  ro  30C
1599=LK  4 1431 11970 LAT  RFE HA  250     0    0    0  53.50N   7.27E  BD  68C  BK   0
1600=LK  6 1401 11970 LAT  RFE HA  250     0    0    0   0.00N   0.00E  ro   0C  bd  67B  bk   0
1601=LK  4 0431  5955 LITH RFE HD  250     0    0    0   0.00N   0.00E  n0  88C  n1 150C  bd  65B  bk  0D
1602=LK 23 1417 17710 RUS  IBA             0    0    0  48.80N  63.14W  BE  41C  LR  41C
1603=LK  5 0501  5955 RUSS RL  HD  250   127   52   95  56.22N  30.88E  N1 130C  BD  65C  bk  0D  SS  45C  BE  43C  ko  42B
                                                                        KR  65C  IT  69B  bl  85B
1604=LK  4 0531  5955 RUSS RL  HD  250     0    0    0   0.00N   0.00E  n1 150C  n0  90C  bd  65B
1605=LK  8 0510  5955 RUSS RL  HD  250   995    4  173  51.16N   7.27E  BK   0  LR  51D  SS  40C
1606=LK  6 0310  6060 RUSS DW             699   49  135  48.92S 176.05W  ko  42B  BL  61A  mu  27B  BK  45A  bd  66A  BK  50B
1607=LK 10 0316  6060 RUSS DW              0    0    0   0.00N   0.00E  bk   0  it  75B  kr  65A  ko  36B
1608=LK  4 2001  6170 RUSS RL  L5  100     0    0    0  53.93N   7.27E  BD  63B  BK   0
1609=LK  5 0301  6170 RUSS RL  L5  100   130   25   78  55.50N  23.03E  n0  82C  BD  66A  bk   0  IT  74B  KR  62B  KO  42B
                                                                        BL  60C  VB  33C  SS  40C  LR  42D
1610=LK  5 0242  6170 RUSS RL  L5  100     0    0    0  55.80N  43.21W  VB  33C  LR  42D
1611=LK  6 2201  6170 RUSS RL  L5  100    59   32   85  55.64N  25.18E  BD  65B  ro 100C  N2 160B  n1 125B  N0  95B  bk   0
                                                                        KO  45B  KR  66C  IT  76B  BL  60C
1612=LK  7 0201  6170 RUSS RL  L5  100    54   34   94  55.85N  26.10E  N1 145B  N3 170C  N0  90B  BD  68B  KR  65C  IT  75B
                                                                        KO  43B  BE  43C  SS  35C  VB  37C
1613=LK  9 0131  6170 RUSS RL  L5  100    89   23   72  55.48N  23.00E  RO  30C  N0 105C  BD  64C  BK  57A  KO  43B  KR  64C
                                                                        IT  76B  BL  60C  BE  50C  LR  45C
1614=LK 12 0001  7155 RUSS RL  G2  250     0    0    0  51.03S 172.73W  BK   0  BL  70C
1615=LK 14 2340  7165 RUSS RL  G1A 250   396   54   83  56.32N  33.02E  KO  50C  IT  70B  BL  65C
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1616=LK 12 2001  7220 RUSS RL  L2  100     0    0    0  53.76N   7.27E  BD  65B  BK   0
1617=LK 20 1501  9505 RUSS RL  L7  100     0    0    0   0.00N   0.00E  bd  66B  bk  57B  ro  30C
1618=LK 18 0440  9520 RUSS RL  L1  100     0    0    0   0.00N   0.00E  be  41C  ss  39C  lr  25C
1619=LK 18 1101  9520 RUSS RL  L1  100     0    0    0   0.00N   0.00E  bd  67C  bk   0   n0 102B
1620=LK 18 0546  9520 RUSS RL  L1  100  6636  950  145  34.15N  64.16E  LR  30B  VB  37C  SS  40C
1621=LK 18 1331  9520 RUSS RL  L1  100     0    0    0   0.00N   0.00E  n0 100B  ko  50B  bl  60C
1622=LK 19 1031  9520 RUSS RL  L1  100     0    0    0  55.82N  36.35E  N0  87B  N1 121C
1623=LK 19 0831  9520 RUSS RL  L1  100     0    0    0   0.00N   0.00E  n0   0   bd  75B  n2 158B  n1 149C  n0 103B
1624=LK 19 0510  9520 RUSS RL  L1  100  3387  463  109  55.85N  10.07E  SS  39C  VB  35C  BE  52C  PS  32C  LR  39C
1625=LK 20 0510  9520 RUSS RL  L1  100  5592  751  129  48.39N  38.85E  LR  39C  BE  42C  SS  40C  VB  36C
1626=LK 21 0410  9520 RUSS RL  L1  100   900   67   81  54.45N  25.56E  BK  66B  VB  33B  SS  40C  LR  42C  BE  42C
1627=LK 22 1401  9520 RUSS RL  L1  100     0    0    0  52.62N  37.82E  N1 125B  N0  95C
1628=LK 22 1817  9520 RUSS RL  L1  100     0    0    0   0.00N   0.00E  gi  43C  be  41C  al  31A
1629=LK 23 0531  9520 RUSS RL  L1  100     0    0    0  53.59N   7.27E  BD  67A  BK   0
1630=LK 23 1631  9520 RUSS RL  L1  100   217   62  122  56.00N  30.67E  N1 131C  N0  91B  LR  39D  BE  42C  ki 331B
1631=LK 24 1631  9565 RUSS RL  L7  100     0    0    0  58.61N   7.27E  N0 103C  BK   0
1632=LK 19 0110  9625 RUSS RL  P4  250     0    0    0  46.29N  34.14E  LR  42C  AN 357B
1633=LK 19 0016  9625 RUSS RL  P4  250  2037  734  143  42.67N  39.24E  LR  40C  BE  48B  AN 353C
1634=LK 20 0140  9625 RUSS RL  P4  250  5147  677  131  44.37N  37.75E  SS  44C  PS  37D  LR  41C  BE  47B
1635=LK 21 0141  9625 RUSS RL  P4  250 18176  426  117  56.42N  18.06E  VB  35C  LR  39B  BE  44B
1636=LK 21 0631  9660 RUSS RL  G8  250    61   12  102  58.66N   7.27E  N0 100B  BK   0   en  93C  VB  34B  SS  39C  LR  41B
                                                                        BE  42C
1637=LK 18 0510  9680 RUSS RL  L5  100     0    0    0  53.33N   7.27E  SS  39C  BK   0
1638=LK 18 0716  9680 RUSS RL  L5  100     0    0    0   0.00N   0.00E  ss  40C  lr  46B  vb  34C
1639=LK 19 0441  9680 RUSS RL  L5  100     0    0    0   0.00N   0.00E  lr  17B  be  52C  ss  39C  vb  35B
1640=LK 20 0540  9680 RUSS RL  L5  100  5674  761  124  50.02N  34.47E  SS  40C  VB  35B  LR  40C
1641=LK 24 0431  9680 RUSS RL  L5  100     0    0    0   0.00N   0.00E  ro  40C  n2 150B  n0 110B
1642=LK 24 0046  9690 RUSS RL  G1  250     0    0    0  27.45N  62.28E  VB  36B  BE  42C
1643=LK 21 1804  9715 RUSS DW          1012  117  165  51.48N  34.70E  N3 160C  N2 145C  n0 150C  BE  41C  AL  33B
1644=LK 23 1503  9715 RUSS DW             0    0    0   0.00N   0.00E  n3 160C  n2 125C  n0  85C  n1 127B
1645=LK 24 0231  9750 RUSS RL  P2  250     0    0    0  53.34N   7.27E  BK   0   BD  70B
1646=LK 23 0101  9770 RUSS RL  G1  250     0    0    0  53.84N   7.27E  BD  64B  BK   0
1647=LK  7 0116 11725 RUSS RL  P5  250  1667  546  120  61.47N  12.08E  VB  34C  FE  21C  BE  38C  an 335C  LV  23C
1648=LK  7 2342 11725 RUSS RL  P5  250     0    0    0  13.05S  44.52E  LV  30D  FE  21C
1649=LK 10 0046 11725 RUSS RL  P5  250     0    0    0   0.00N   0.00E  gi 318D  an   3C  vb  39C
1650=LK 10 0142 11725 RUSS RL  P5  250  1811  768  144  50.81N  31.27E  PS  35C  AN 359C  VB  36C  AL  37C
1651=LK  4 1210 11770 RUSS RL  B6  100     0    0    0   0.00N   0.00E  bk  0D   n1 152B  bd  66B  ko  75B
1652=LK  6 1001 11770 RUSS RL  B6  100     0    0    0   0.00N   0.00E  n0 120B  n1 135B  bk  62A
1653=LK  8 1301 11770 RUSS RL  B6  100     0    0    0   0.00N   0.00E  n3 135B  n0  82B  bk   0
1654=LK  8 1101 11770 RUSS RL  B6  100   176   27   58  54.72N  22.70E  bd  62B  SS  39C  MU  43B  KR  65B  KO  45A
1655=LK  9 1101 11770 RUSS RL  B6  100   165   72  124  55.25N  43.46E  N2 125B  N0  80C  BD  68B  IT  74C  BL  65D  ko  46B
1656=LK  4 0731 11885 RUSS RL  L7  100   556   83   82  56.45N  31.62E  BD  60C  CA  39C  PS  22D  AL  34B  BE  43C  BL  65C
1657=LK  8 0701 11885 RUSS RL  L7  100     0    0    0   0.00N   0.00E  n2 145B  n0  85B  n1 130B
1658=LK 10 0513 11915 RUSS RL  L7  100    50   22    5  53.76N   7.27E  BK   0   BD  65B  BK   0
1659=LK 10 0314 11915 RUSS RL  P1  250     0    0    0  50.48N  32.92E  AN 358D  PS  35D
1660=LK  8 0310 11935 RUSS RL  HA  250     0    0    0  65.86N 106.00W  LV  13C  FE  21C
1661=LK  8 0241 11935 RUSS RL  HA  250  6068  997  162  57.42N  23.22E  FE  21C  AN   3D  LV  12D
1662=LK 10 0631 11935 RUSS RL  HA  250     0    0    0  53.67N   7.27E  BK   0   BD  66B
1663=LK  4 1031 11970 RUSS RL  HA  250    82   45   64  53.63N   7.35E  BD  67B  BK  0D   an 294B  SS  37C  LR  41C  BE  43C
1664=LK  5 1131 11970 RUSS RL  HA  250     0    0    0   0.00N   0.00E  bk  40B  n0  90C  bd  64B  n0 140C
1665=LK  8 0801 11970 RUSS RL  HA  250     0    0    0  55.17N  24.83E  BD  68B  BK  62B
1666=LK 10 0901 11970 RUSS RL  HA  250     0    0    0  55.43N  24.99E  N1 145B  BD  67B
1667=LK 12 1110 15445 RUSS RL  P5  250  1307   73   60  56.02N  47.46W  VB  32C  PS  38C  LR  42B  CA  40C  BE  42B
1668=LK 15 0886 15445 RUSS RL  P5  250     0    0    0  48.97N  33.70E  VB  37B  BE  45B
1669=LK 17 0743 15445 RUSS RL  P5  250 21545  506  119  55.79N  22.12E  VB  35C  LR  39C  BE  43B
1670=LK 17 0613 15445 RUSS RL  P5  250     0    0    0  30.80N  56.62E  VB  38C  LR  39C
1671=LK 21 0501 17735 RUSS RL  G2B 250   101   21   86  54.01N  12.46E  RO   0C  BD  70B  kr  70B  IT  85B
1672=LK 18 0946 17750 RUSS RL  HC  250     0    0    0  48.41N  58.45E  IT  80C  KO  70C
1673=LK 24 0631 17750 RUSS RL  HC  250     0    0    0   0.00N   0.00E  n0  99C  n2 139C  n1 110C
1674=LK 21 1710 17795 RUSS DW          2010  228   71  64.24N  47.48W  GI  34B  DS  30C  AL  32C
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1675=LK 19 0420 17895 RUSS RL  P1  250     0    0   0  40.46N  39.02E  KI  32D  AN 353C
1676=LK 20 0734 17895 RUSS RL  P1+ 500     0    0   0   0.00N   0.00E  bk   0   n3 155C  n2 145C  n0 100C
1677=LK 20 0401 17895 RUSS RL  P1  250   786   71  80  56.42N  21.61E  BD  62B  LR  40C  BE  46C  AN   1C
1678=LK 20 0640 17895 RUSS RL  P1+ 500   462   58 180  58.36N   7.27E  BE  44B  VB  37C  BK   0
1679=LK 20 0831 17895 RUSS RL  P1+ 500     0    0   0   0.00N   0.00E  n2 130C  n1 135C  n0  90B
1680=LK 23 1447 17895 RUSS RL  P1  250     0    0   0  59.52N  27.14W  LR  40C  BE  44C
1681=LK 24 0735 17895 RUSS RL  P1+ 500 12150  325   6  18.09N   1.12W  N3 210C  N2 200C  N0 190B
1682=LK 11 1717 21510 RUSS RL  HD  250     0    0   0  58.55N  13.13E  VB  34C  AL  37C
1683=LK 16 0731 21510 RUSS RL  HD  250     0    0   0  56.99N  21.90E  N1 150B  N0  95B
1684=LK 12 1046 21530 RUSS RL  G8  250     0    0   0   0.00N   0.00E  it  78B  kr  60B  ko  45C
1685=LK 16 1231 21530 RUSS RL  G8  250     0    0   0  54.61N  17.43E  BD  69A  KR  60B
1686=LK 13 1001 21745 RUSS RL  G9   50   183   59 138  56.79N  27.92E  ro   0C  N0  90C  N1 135B  PS  35C  BE  41B
1687=LK 17 0931 21745 RUSS RL  G18  10   225   40 171  57.39N  20.65E  N2 168B  N3 188B  N1 153B
1688=LK 19 0140  9660 TAJI RL  HC  250  2428 1245 170  47.27N  36.51E  SS  39D  PS  39D  AN 355C
1689=LK 12 1444 15370 TAJI RL  HB  250  5641  577 126  54.06N  25.01E  VB  35B  PS  38C  AL  36B
1690=LK 17 1431 21510 TAJI RL  HD  250    94   24  53  53.43N  18.07E  ro   0C  BD  75C  bk   0  KR  70B  MU  40B  KO  40A
                                                                      VB  45C  SS  37C
1691=LK 12 1201 15370 TURK RL  HB  250   143   58 129  55.37N  20.39E  ro  30C  N2 170C  N0 107B  VB  35B  BE  44B
1692=LK 19 1835  9565 UKR  RL  L7  100     0    0   0  56.04N  26.44E  N3 175C  N0  95B
1693=LK 20 0210  9625 UKR  RL  P4  250  9020 1031 131  42.10N  40.12E  VB  42C  SS  44D  BE  46C
1694=LK 24 0324  9625 UKR  RL  P4  250     0    0   0   0.00N   0.00E  kr  65B  ko  52C  it  70C  bl  85B
1695=LK 18 0416  9660 UKR  RL  HC  250     0    0   0   0.00N   0.00E  an 358C  vb  34C  lr  25C
1696=LK 19 0531  9660 UKR  RL  HC  250   287   84 140  50.84N  37.58E  N2 140B  N0 100B  VB  35C  SS  39C  LR  15C  GI  29C
1697=LK 22 0331  9660 UKR  RL  HC  250     0    0   0  50.36N  34.88E  N2 145C  N0 104B
1698=LK 15 1642 15380 UKR  RL  P3  250  3486  455 124  55.23N  28.73E  VB  32B  SS  36C  KI  33C  GI  20D  CA  37C  BE  42B
1699=LK 23 0009  9660 UZBE RL  HC  250   924   41  99  54.04N  43.86E  BK  68A  BD  68A  BK  68A
1700=LK 11 1512 15370 UZBE RL  HB  250   108   59  71  54.41N  12.45E  SS  38C  RO   0C  BD  67B
1701=LK 15 1316 15370 UZBE RL  HB  250   165   30 137  46.57S 172.46W  BK   0  ro   0C  BK   0  MU  47C  kr  70B  it  78B
                                                                      BL  60B  KO  45A
1702=LM 13 0513 15110 ???? ????????????     0    0   0  64.22N   7.30E  LV  21D  DS  24C
1703=LM  4 1601 11970 EST  RFE P6  250     0    0   0  58.73N   7.27E  N0  95B  BK   0
1704=LM 15 1840 15340 GEOR RL  L4  100     0    0   0   0.00N   0.00E  kr  90A  it 100B  ko  90B
1705=LM 13 1844 15130 LAT  RFE G15 250  4096 1156 140  48.56N  49.56E  SS  37C  LR  31D  GI  21C
1706=LM 24 1350 17770 PASH RFE G3A 250     0    0   0  53.15N  61.25E  KR  65D  IT  70D
1707=LM 13 0540 15105 RUS  IBA            4217  787 127  53.81N  24.82E  DS  24C  PS  36B  SS  36D
1708=LM 15 0310  7210 RUSS DW              0    0   0   0.00N   0.00E  mu  50D  kr  70C  it  70C
1709=LM 11 0333  7285 RUSS DW              0    0   0  51.56N   7.27E  BK   0  KR  75C
1710=LM 18 2231  9505 RUSS RL  G3A 250     0    0   0  58.80N   7.27E  N0  90B  BK   0
1711=LM  9 0240 11725 RUSS RL  G4  250     0    0   0   0.00N   0.00E  an 355C  lv  42C  gi  15D
1712=LR 19 1709 17760 AZ   RL  L3  100     0    0   0  66.40N  24.12E  N2 130C  N3 180C
1713=LR  7 0401  5955 BR   RL  HD  250     0    0   0  56.94N  33.24E  N2 140B  N3 160B
1714=LR 15 1416 15445 DARI RFE L7  100  3873  787 131  56.15N  38.16E  SS  32C  VB  32C  AL  28C  KI  23C
1715=LR 16 0431  7155 LITH RFE G2  250   132  100 177  58.62N  33.33E  RO  30C  BD  58C  bk   0  N3 158C
1716=LR  5 0840  6105 RUSS RL  L9   20     0    0   0  59.39N  32.76E  N0  76C  N1 117B
1717=LR  5 1007  6105 RUSS RL  L9   20     0    0   0   0.00N   0.00E  n0  76B  n2 141A  n1 116B
1718=LR  9 1231  6105 RUSS RL  L9   20     0    0   0   0.00N   0.00E  n1 117C  n2 143B  bk   0
1719=LR 10 0831  6105 RUSS RL  L9   20     0    0   0  55.12N  34.69E  N2 140C  BL  70D
1720=LR 10 0701  6105 RUSS RL  L9   20     0    0   0   0.00N   0.00E  n3 150C  n2 135C  n1 116B
1721=LR 13 0631  7165 RUSS RL  L6  100  4296  760 154   9.76S  83.87E  N2 115B  bd  54A  N1 110B  bk   0  RO 110C
1722=LR 17 0301  7190 RUSS RL  G4B 250     0    0   0   0.00N   0.00E  ro   0  n1 105B  bk   0
1723=LR 17 0201  7190 RUSS RL  G4B 250     0    0   0   0.00N   0.00E  ro   0  n3 150B  n1  90A  bk   0
1724=LR 11 0631  7220 RUSS RL  L2  100     0    0   0   0.00N   0.00E  ro  40C  mu  45C  ko  38B
1725=LR 11 1101  7220 RUSS RL  L2  100     0    0   0   0.00N   0.00E  n1 130B  n0  75B  bk   0  ko  40D
1726=LR 13 0731  7220 RUSS RL  L2  100   215   29  66  56.85N  23.52E  ro   0C  mu  50C  KR  55A  KO  38B  IT  62C
1727=LR 12 2001  7220 RUSS RL  L2  100   695   99  95  54.08N  39.70E  ro 240C  IT  77C  mu  40B  KO  60C  KR  70D
1728=LR 15 1002  7220 RUSS RL  L2  100     0    0   0  59.02N   7.27E  BK   0  N0  75C
1729=LR 17 1131  7220 RUSS RL  L2  100     0    0   0   0.00N   0.00E  ro 320C  bk   0
1730=LR 11 2101  7235 RUSS DW            1427  345 140  37.30S 179.17E  RO  70C  KO  38B  BL  40C  MU  48D
1731=LR 12 2055  7235 RUSS DW              0    0   0  53.97N  37.80E  KR  70C  KO  60D
1732=LR 13 2031  7235 RUSS DW             99   78 114  47.54S 172.82W  ro  20C  BK   0  kr  60C  BL  65C  KO 440C  BK   0
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1733=LR 14 2046  7235 RUSS DW              0    0    0  58.63N  93.41E  MU  45C  KO  44B
1734=LR 15 2031  7235 RUSS DW              0    0    0  56.29N  20.68E  KO  35D  IT  65C
1735=LR 16 2031  7235 RUSS DW           8669  234    0  90.00N  90.00W  BK   0   BK   0   RO   0C  ko  35B  it  60C
1736=LR 17 2046  7235 RUSS DW              0    0    0   0.00N   0.00E  mu  40C  kr  68C  ko  50C  bl  50C
1737=LR 11 0331  7285 RUSS DW              0    0    0   0.00N   0.00E  ro   0C  bl  45C  ko  55C  it  80C
1738=LR 14 0331  7285 RUSS DW            349   51   67  56.52N  28.73E  BL  60C  ko  35A  KR  60C  MU  45B  bk   0
1739=LR  9 0443 11915 RUSS RL  L7  100     0    0    0  44.33N  34.04E  GI  32D  AN 357C
1740=LR 11 0810 15445 RUSS RL  P5  250     0    0    0   0.00N   0.00E  ca 318D  lr 335D  ss  34C  vb  32C  be 307D
1741=LR 11 0931 15445 RUSS RL  P5  250   101   63   93  59.26N  26.71E  N2 150C  n1 120C  N0  80C  BD  53B
1742=LR 11 1140 15445 RUSS RL  P5  250  1041   63    0  59.93N   7.27E  VB  30D  SS  33C  BK   0
1743=LR 13 0701 15445 RUSS RL  P5  250     0    0    0  60.48N  33.35E  BK  47B  BD  52B
1744=LR 15 0816 15445 RUSS RL  P5  250     0    0    0  57.89N   7.27E  SS  34C  BK   0
1745=LR 16 0631 15445 RUSS RL  P5  250     0    0    0   0.00N   0.00E  n0  70B  bd  53B  bk   0   n1 140C
1746=LR 15 1301 15445 RUSS RL  P5  250     0    0    0   0.00N   0.00E  ro   0C  kr  62B  it  57B
1747=LR 16 1340 15445 RUSS RL  P5  250     0    0    0  60.17N  33.42E  SS  30C  GI  23C
1748=LR 17 1340 15445 RUSS RL  P5  250     0    0    0  56.85N  43.98E  SS  31C  GI  20D
1749=LR 17 0704 15445 RUSS RL  P5  250     0    0    0   0.00N   0.00E  bk  57A  kr  57B  ko  45C
1750=LR 24 0701 17770 RUSS RL  G1A 250    38   22   99  59.64N  30.12E  n3   0   N1 121B  N2 140C  N1 121B  N0  78B  BD  52A
                                                                        bl  60C  IT  55A  N1 121B  N0  78B  N2 141B
1751=LR 19 1131 17895 RUSS RL  P1+ 500     0    0    0  58.74N  18.72E  BD  50B  N0  85C
1752=LR 19 1003 17895 RUSS RL  P1+ 500     0    0    0   0.00N   0.00E  bk   0   n0  78B  n1 114C
1753=LR 24 1318 17895 RUSS RL  P1+ 500  5534  664  138  55.28N  42.61E  SS  42D  PS  24B  LR  30C  KI  25B
1754=LU 11 0710  7220 RUSS RL  L2  100     0    0    0  50.46N 150.71E  LV 313C  FE 307C
1755=LU 12 0710  7220 RUSS RL  L2  100  3163  289   54  51.83N 153.47E  LV 314C  FE 307B  AN 279C
1756=LU 11 1110  7220 RUSS RL  L2  100     0    0    0   0.00N   0.00E  lv 315C  an 287C  fe 307C
1757=LU 12 0942  7220 RUSS RL  L2  100  4398  414   48  47.61N 141.40E  LV 312C  FE 307C  DS 321B  AN 283C
1758=LU 13 0740  7220 RUSS RL  L2  100  1361  463   53  47.25N 138.21E  HL 313C  AN 285C  FE 307C  DS 325C
1759=LU 15 0840  7220 RUSS RL  L2  100  3922  220   66  60.04N 159.33E  DS 326C  AN 290C  LV 322C  fe 308C
1760=LU 14 1412  7220 RUSS RL  L2  100     0    0    0  47.88N 133.06E  LV 317C  AN 289B
1761=LU 14 1118  7220 RUSS RL  L2  100  4189  288   55  54.50N 147.73E  LV 320C  FE 311B  DS 322B  AN 288C
1762=LU 15 1010  7220 RUSS RL  L2  100  1818  204   71  58.94N 172.41E  AN 282D  FE 306C  KI 322C  LV 322C  DS 320C
1763=LU 17 1017  7220 RUSS RL  L2  100  1204  358   54  49.58N 142.40E  LV 320D  KI 317C  HL 316C  FE 311B  DS 322C  AN 284C
1764=LU 17 0819  7220 RUSS RL  L2  100     0    0    0  57.49N 158.69E  FE 312B  AN 285C
1765=LU 17 1810  7220 RUSS RL  L2  100     0    0    0  45.65N 143.41E  FE 306C  AN 279C
1766=LU  5 0614 11885 RUSS RL  L7  100     0    0    0   0.00N   0.00E  hl 311B  gi 356D  an 283C
1767=LU  7 0640 11885 RUSS RL  L7  100     0    0    0   0.00N   0.00E  hl 310C  ds 328C  an 284B
1768=LU  8 0613 11885 RUSS RL  L7  100  1656  575   64  45.84N 138.50E  LV 318C  DS 318B  FE 307C  HL 311C
1769=LU 15 0913 15130 RUSS RL  P6  250     0    0    0  52.40N 138.39W  KI 321C  LV 327D
1770=LU  4 0117 11885 TB   RL  HA  250     0    0    0  46.16N 137.58E  HL 312B  AN 284C
1771=LU  9 0011 11885 TB   RL  HA  250     0    0    0  55.75N 158.17E  AN 282C  LV 317C
1772=LU  4 0414 11885 UKR  RL  P5  250  1058  234   50  46.61N 144.92E  HL 310C  LV 319C  AN 277B  FE 307A
1773=LU  7 0542 11885 UKR  RL  P5  250  1219  481   58  44.63N 131.26E  LV 318C  HL 310B  FE 306C  AN 289C
1774=LU  6 2114 11885 UKR  RL  P5  250  1574  487   64  51.84N 154.40E  FE 307B  an 291C  HL 322D  LV 312D
1775=LU  8 0541 11885 UKR  RL  P5  250   902  350   54  46.47N 138.74E  HL 312B  LV 318C  AN 283B
1776=LU  8 0443 11885 UKR  RL  P5  250     0    0    0  45.33N 132.49E  HL 311B  AN 287C
1777=LU  7 2244 11885 UKR  RL  P5  250  1866  468   50  48.75N 142.37E  LV 315C  HL 315D  AN 283C
1778=LU  9 0541 11885 UKR  RL  P5  250  1203  423   51  45.11N 128.28E  LV 316C  HL 311B  AN 290B
1779=LV 24 1737 17725 BULG RFE G10  50  3409  185  127  42.94N  75.81E  KR  75C  KO  70B  IT  76A
1780=M3  4 0031 11875 AZ   RL  L6  100     0    0    0   0.00N   0.00E  n1 165C  n0  90C  n2 170C
1781=M3  9 0342 11875 AZ   RL  L6  100     0    0    0  56.69N  23.56E  AL  35C  AN   4B
1782=M3 20 1031 17750 KAZA RL  HC  250  3957   59  106  50.50N  11.81E  BD  97B  SS  42C  VB  43C  LR  47C
1783=M3  9 0231  6135 RUSS RL  B3  100     0    0    0   0.00N   0.00E  ro   0C  n0  90B  bd  92B
1784=M3 20 1449 17750 TAJI RL  HC  250  4302  561  151   5.70N  66.34E  KI  25C  GI  21B  BE  51A
1785=M7 12 1942 15115 BULG RFE G2B 250     0    0    0  52.30N   2.97W  VB  43D  BE  55A
1786=M7 18 2117 17725 BULG RFE G10  50  2412  849  165  40.69N  27.36E  KI  38C  DS  32C  AN   2B
1787=M7 19 1810 17725 BULG RFE G10  50  2048  820  164  40.65N  24.05E  VB  47C  ps 336C  FE  27C  AN   4B
1788=M7 20 1808 17725 BULG RFE G10  50     0    0    0   0.00N   0.00E  be  53B  ps  46B  ki  48C
1789=M7 15 1820 21500 BULG RFE G1A 250  1398  475  173  42.18N  24.73E  SS  49C  GI  39C  AN   4A
1790=MA  7 0411 11770 RUSS RL  HB  250  3284  900  153  47.11N  36.96E  VB  37C  LV  17C  FE  12C  DS  22C
1791=MA 14 2101 15380 UKR  RL  P3  250     0    0    0   0.00N   0.00E  bk   0   it 100C  bk   0
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1792=MB  4 0116  5955 EST  RFE HD  250     0    0    0  58.51N  14.23W  BE  47C  VB  36C
1793=MB 21 0431  9505 LITH RFE G3A 250   937   78   88  55.73N  26.25E  BD  66B  VB  33C  LR  40C  BE  41B
1794=MB 12 0531  7155 RUSS RL  L6  100     0    0    0  56.44N  36.30E  N2 135C  N0  85C
1795=MB 11 0631  7220 RUSS RL  L2  100     0    0    0  55.17N  13.97E  BK  42B  IT  62C
1796=MB 11 0338  7285 RUSS DW              0    0    0  54.97N  24.10E  N0 103C  N1 148B
1797=MB 18 1101  9520 RUSS RL  L1  100     0    0    0   0.00N   0.00E  bd  67C  kr  70C  bl  80B
1798=MB  6 0019 11885 TB   RL  HA  250     0    0    0    .45N  37.12E  LV  32C  FE  26C
1799=MG 18 2038  9660 ????  ??????????     0    0    0   0.00N   0.00E  it  86C  ko  70C  mu  80C  bl  92C
1800=MG  4 2040 11865 ????  ??????????12071  615  139  15.72N  94.40E  KO  83B  KR  80C  bl 100C  IT  85B
1801=MG  5 2033 11865 ????  ??????????   431   55  100  52.38N  35.90E  IT  85B  bl  93B  KR  75B  KO  65C
1802=MG  6 2034 11865 ????  ??????????   400   55  108  49.37N  39.22E  bk  68B  IT  88B  MU  79D  KO  75B  BL  95C  KR  82B
                                                                      PS  44C  VB  40C  SS  34C  BE  44B  AL  38C
1803=MG  8 2105 11865 ????  ??????????   491   48  180  56.01N   7.27E  BK   0  SS  40C  LR  38D  BE  46C  AL  39C  PS  43C
1804=MG  8 2035 11865 ????  ??????????14668  618  137  25.84S 136.89E  BK  78B  BL  80B  it  90B  KR  74B  KO  80B
1805=MG  9 2105 11865 ????  ??????????   134   21   87  52.55N  17.54E  bk   0  KI  33D  AL  23D  GI  31C  LR  40D  SS  36C
                                                                      PS  41D  KO  45C  BL  90B  KR  76A
1806=MG  6 1410 11905 ????  ??????????10228  355   51  53.54N 139.68E  ki 324C  FE 317B  DS 323B  AN 290C
1807=MG 23 1340 17815 ????  ??????????     0    0    0  21.22N  79.27E  SS  42D  BE  31C
1808=MG 10 1716 11970 BR   RL  P6  250     0    0    0   0.00N   0.00E  bk  82B  ro   0C  n3 150C  n2 120B  n0  90B  bd  71B
                                                                      bk  79B  vb  30B  ss  40C  ps  32C  lv 357D  lr  43D
                                                                      hl 327B  fe 357D  be  32B  an 332C
1809=MG  6 2341 11815 CZEC RFE G3  250     0    0    0  46.98N 125.30E  KI 332C  DS 326C
1810=MG  7 0311 11770 DARI RFE HB  250     0    0    0  50.24N 160.64E  LV 310C  HL 322B
1811=MG  8 0301 11770 DARI RFE HB  250     0    0    0   0.00N   0.00E  bk  80A  bk   0  n0  85A  ro 270C
1812=MG  4 1601 11970 EST  RFE P6  250  1058  303  146  39.03N  65.19E  bk   0  N0  90B  LV 325D  LR  28C  HL 328C  FE 353C
                                                                      DS   5C  CA  30C  BE  35A  AN 333C  AL  27C
1813=MG  9 1610 11970 EST  RFE P6  250  1172  675  177    .61S  89.26E  VB  25B  SS  42C  LV 303C  FE 357D  DS 327B  an 331B
1814=MG 10 1610 11970 EST  RFE P6  250     0    0    0   0.00N   0.00E  be  33B  an 333C  vb  35C  ss  41C  hl 324B  ds 350C
                                                                      n2 140C  n1 100B  n0  80B  bd  72B  bk   0  hl 326B
                                                                      an 333C  vb  30C  ss  42C  hl 325B  ds 327C  be  33B
                                                                      an 333C  al  41C
1815=MG 20 2331  9630 EUR  IBA             1283  108  109  50.26N  48.71E  BD  74B  KR  75B  KO  70C  IT  83C  bl  98B
1816=MG 22 1818  9505 LAT  RFE HA  250  2122  305  111  46.57S 168.32E  MU  80C  KR  80B  KO  89B  BL  90C
1817=MG  4 1814 11970 LAT  RFE P6  250  3414  681   13  43.95N  67.23E  bk   0  LV 355B  HL 330C  FE 353B  AN 330C
1818=MG  4 1411 11970 LAT  RFE HA  250  3851  422  117  63.19N  17.79E  VB  27C  PS  28B  LR  33B  KI  30C  GI  24C
1819=MG  5 1811 11970 LAT  RFE P6  250  6020  613  143  44.54N  56.48E  SS  38C  LR  34B  CA  30C  BE  35B  VB  27C
1820=MG  6 1416 11970 LAT  RFE HA  250     0    0    0   0.00N   0.00E  fe 347C  gi  49C  al  47A  ps  40B
1821=MG  8 1411 11970 LAT  RFE HA  250   613  344  171  14.41S  81.18E  DS 327B  PS  43C  KI 321C  AL  46C  FE 348B  VB  40C
                                                                      SS  38C  BE  30C  AL  28B  FE 354B  PS  29C  VB  36C
1822=MG  8 1810 11970 LAT  RFE P6  250     0    0    0   0.00N   0.00E  an 330D  vb  32B  bk   0
1823=MG 10 1816 11970 LAT  RFE P6  250   244   72  179  64.92N   7.27E  VB  31C  SS  40C  PS  29C  LR  38C  BE  31B  AL  32C
                                                                      VB  31C  SS  39C  LR  38C  BE  31B  BK   0
1824=MG  4 1510 11970 LITH RFE HA  250  2054  545  149  39.01N  63.43E  SS  44D  LR  26D  BE  35A  lv 315C  HL 328C
1825=MG  5 1511 11970 LITH RFE HA  250   645  286  169  84.43N 172.73W  BK   0  BK   0  an 334C  hl 332C  FE 353C
1826=MG  5 1942 11970 LITH RFE P6  250  1597  697  170  38.60N  65.05E  SS  36C  LR  30C  HL 331D  FE 353B  BE  35C  CA  30C
                                                                      AN 332C
1827=MG  6 1902 11970 LITH RFE P6  250  1456  189  110  50.78N  51.75E  BK  73B  BE  35B  CA  30C
1828=MG  9 1916 11970 LITH RFE P6  250   902  224  155  42.11N  66.55E  bk   0  SS  37D  PS 332D  HL 322B  FE 357C  BE  37C
                                                                      AN 337C  AL  31B  N0  85C  N2 110C  N3 120B
1829=MG 10 1940 11970 LITH RFE P6  250  1205  643  167  36.29N  61.57E  SS  36C  LV 355C  LR  34C  HL 327B  GI  20C  BE  35B
                                                                      AN 331C  AL  38C
1830=MG 24 1531 17770 LITH RFE G3A 250   890  416  151  38.16N  70.11E  ro   0C  BD  77B  bk   0  AN 331C  PS  25C  LR  28C
                                                                      DS 359A
1831=MG 18 1617 17710 RUS  IBA              0    0    0  66.25N  49.35W  PS  22B  LR  21C
1832=MG 21 1620 17710 RUS  IBA             2230  150  117  45.75N  53.80E  MU  80C  KR  80B  BL  90C  IT  86D
1833=MG  6 1931  6105 RUSS RL  L9   20     0    0    0  53.76N   7.27E  BK   0  BD  65B
1834=MG 15 2301  7190 RUSS RL  P3  250  1187   64  140  17.62S 113.03E  BD  76B  bk   0  N0  87B  SS  40C  LR 337C  AL  36D
1835=MG 13 2031  7235 RUSS DW              0    0    0   0.00N   0.00E  n3 140C  n0  88B  bd  74B  bk   0
1836=MG 18 2235  9520 RUSS RL  L1  100     0    0    0   0.00N   0.00E  bk   0  ss  37C  an 330C
1837=MG 20 2110  9520 RUSS RL  L1  100   455   54  180  57.16N   7.28E  SS  40C  BE  43C  BK   0  BE  44C  SS  40C
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1838=MG 20 2302 9520 RUSS RL L1 100 1246 119 108 50.43N 48.01E KR 75B KO 70C IT 83C bl 90B LR 36D SS 38C
1839=MG 21 2231 9520 RUSS RL L1 100 0 0 0 0.00N 0.00E n2 125C bk 74B n0 85B
1840=MG 22 2233 9520 RUSS RL L1 100 0 0 0 34.65S 139.66E BK 83B BD 75A
1841=MG 24 2131 9520 RUSS RL L1 100 886 143 127 43.58N 61.80E n2 134C n1 0 BD 73B N0 81B N1 106C KO 80C
MU 80C IT 90B BL 90C
1842=MG 18 0031 9625 RUSS RL P4 250 0 0 0 0.00N 0.00E ro 20C bd 76B bk 0
1843=MG 19 2311 9625 RUSS RL P4 250 2289 957 5 35.48N 63.20E VB 31C SS 40D be 11C AN 333B
1844=MG 22 0019 9625 RUSS RL P4 250 0 0 0 0.00N 0.00E bk 0 bk 81B ss 33C
1845=MG 23 2304 9625 RUSS RL P4 250 47 18 2 53.10N 7.27E BK 0 ro 40C n0 90B BO 73B BK 0 VB 38C
SS 36C
1846=MG 18 2310 9750 RUSS RL P2 250 2210 885 150 25.41N 59.73E SS 39C LR 46C BE 48B AN 330C
1847=MG 18 2214 9750 RUSS RL P2 250 1674 835 168 28.80N 62.02E SS 39C LV 17D BE 44B AN 330B
1848=MG 19 2240 9750 RUSS RL P2 250 796 218 140 47.40N 62.05E VB 40C SS 37C BE 25C AN 332B N2 114C N0 82B
1849=MG 22 2213 9750 RUSS RL P2 250 1463 189 91 59.05N 15.73W AL 44B VB 35B SS 33C PS 45C LR 40C CA 43C
BE 45B
1850=MG 22 2131 9750 RUSS RL P2 250 0 0 0 53.02N 7.27E BD 74B BK 0
1851=MG 5 0001 11725 RUSS RL P5 250 0 0 0 30.66N 78.67E BD 78B SS 35C
1852=MG 8 0001 11825 RUSS RL G3B 250 2041 165 133 41.93N 68.70E BD 75B ro 0C N0 85A KR 77B
1853=MG 4 2310 11855 RUSS RL P1 250 871 44 0 55.30N 7.27E VB 35C SS 40C BK 0
1854=MG 5 0112 11855 RUSS RL G10 50 0 0 0 56.73N 19.97E BK 48B SS 35C
1855=MG 6 2331 11855 RUSS RL P1 250 0 0 0 56.52N 35.94E N1 120B N0 85B
1856=MG 7 0101 11855 RUSS RL G10 50 0 0 0 56.97N 7.27E BK 0 SS 35C
1857=MG 10 0001 11855 RUSS RL G10 50 214 73 125 55.70N 36.82E N2 135C N0 87B PS 40D SS 36C AN 359C LR 35D
BE 40C kr 76A
1858=MG 5 1241 11885 RUSS RL L7 100 0 0 0 37.29N 57.10E LR 35B PS 30C
1859=MG 8 1144 11885 RUSS RL L7 100 0 0 0 28.91S 89.87E GI 328D LR 51B
1860=MG 4 1816 11905 RUSS DW 11553 783 143 49.37N 51.08E VB 30C LR 31B AL 27C
1861=MG 10 1701 11905 RUSS DW 1410 207 137 45.48N 69.85E N1 95B N0 80B BD 70B bk 0 VB 30D BE 34C
bk 0
1862=MG 5 0131 11935 RUSS RL G9 50 2076 1015 147 34.54N 85.78E BD 70C LV 340D DS 345C
1863=MG 7 0110 11935 RUSS RL G9 50 2377 1027 5 34.01N 74.73E LV 325C DS 347D AN 335C SS 35C AL 25D bk 0
bk 0
1864=MG 9 0031 11935 RUSS RL G9 50 0 0 0 0.00N 0.00E n0 88B n3 155B bd 68B
1865=MG 4 1353 11970 RUSS RL HA 250 1413 101 69 64.60N 29.01W VB 27B PS 29C LR 26C KI 30B BE 34A AL 34C
1866=MG 7 1316 11970 RUSS RL HA 250 4177 493 99 57.93N 10.28W VB 37C PS 39C AL 44C
1867=MG 9 1340 11970 RUSS RL HA 250 638 98 52 56.09N 53.27W VB 33C PS 38C BE 34C AL 44C
1868=MG 10 1313 11970 RUSS RL HA 250 328 45 180 55.56N 7.27E VB 40B PS 41C LR 44C KI 39D AL 46C BK 0
VB 38B PS 36B LR 40D AL 39B KI 40C
1869=MG 12 0211 15130 RUSS RL G1B 250 4245 799 156 32.98N 71.08E ps 60C AL 25C LR 19B VB 36C SS 39C GI 13C
1870=MG 15 0146 15130 RUSS RL G1B 250 0 0 0 53.19N 22.55E BL 80C IT 90A
1871=MG 17 0431 15130 RUSS RL P6 250 0 0 0 0.00N 0.00E n3 120B n1 105B n0 85B
1872=MG 12 0501 15290 RUSS RL G15 250 570 119 137 51.07N 49.30E N2 125C N0 90B N1 105C bk 0 SS 44C
1873=MG 12 1140 15290 RUSS RL G15 250 18835 692 151 45.53N 65.04E VB 25C LR 30D CA 25B BE 30B
1874=MG 13 1040 15290 RUSS RL G15 250 6195 715 154 33.21N 72.71E VB 22B SS 38C CA 26B BE 30C LR 29C
1875=MG 13 1231 15290 RUSS RL G15 250 4863 546 155 15.97N 79.60E n0 150B VB 25C SS 44C PS 22D LR 24C CA 20C
BE 34A
1876=MG 12 0011 15340 RUSS RL G15 250 0 0 0 0.00N 0.00E ps 18C al 27C an 329B
1877=MG 12 0431 15355 RUSS RL G2B 250 951 179 131 38.66N 71.35E N0 80B BD 77B N1 105C n2 145B ro 0C BK 78B
MU 75C KR 83B IT 95C KO 78B LR 326D GI 1D
AN 331C AL 342C SS 45C
1878=MG 13 0410 15355 RUSS RL G2B 250 0 0 0 0.00N 0.00E ss 36C lr 327D gi 28C bk 0
1879=MG 14 0442 15355 RUSS RL G2B 250 0 0 0 0.00N 0.00E bk 0 gi 17C ss 41C lr 41C
1880=MG 15 0443 15355 RUSS RL G2B 250 0 0 0 14.59S 108.39E SS 54C LR 348D
1881=MG 17 0340 15355 RUSS RL G2B 250 0 0 0 0.00N 0.00E ss 39C lr 325C bk 0
1882=MG 18 1401 17725 RUSS RL G10 50 639 81 117 47.19N 46.10E N0 104C BD 90C HL 321B DS 11B VB 37C SS 42C
PS 36D KO 90D IT 86C MU 80D KR 80B BL 90B
1883=MG 19 0620 17725 RUSS RL G10 50 8000 588 124 41.72S 150.61E KO 90C KR 80B BL 90C IT 85C
1884=MG 20 1301 17725 RUSS RL G10 50 723 106 134 54.75N 49.49E N0 80C N1 105B VB 52C GI 13B LR 32D BE 31B
bk 0
1885=MG 21 1340 17725 RUSS RL G10 50 0 0 0 33.96N 66.01E SS 41C HL 322B

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1886=MG 22 0540 17725 RUSS RL G10  50     0     0     0  56.06N   7.27E  BK   0  SS  36C
1887=MG 18 1947 17750 RUSS RL HC   250  5956   739   151  37.74N  68.53E  LR  22C  BE  35B  SS  35C  PS  21B
1888=MG 18 1831 17750 RUSS RL HC   250   176    59   130  47.97N  54.37E  N3 139B  N2 113B  N0  85B  N1 100B  BD  72B  BK  75B
                                                                          KR  80A  BL  90C  IT  85B  KO  79B  N3 147C  N0  87B
                                                                          N2 113B  LV 351C  AN 331B  VB  25B  SS  34C  PS  26D
1889=MG 18 1740 17750 RUSS RL HC   250  6467   693   154  36.93N  67.64E  VB  26B  PS  23C  LR  23C  GI  12C  BE  35B
1890=MG 20 1906 17750 RUSS RL HC   250   676    74     0  65.56N   7.29E  BK   0  VB  26C  PS  22C  SS  35C
1891=MG 20 1701 17750 RUSS RL HC   250  2080   154   132  38.47N  69.26E  BD  75B  bk   0  EN  98B  KR  80B  KO  80D  IT  87A
1892=MG 18 1501 17795 RUSS DW       1011   163   138  38.15N  69.92E  bk   0  N1 102B  N0  84B  SS  40C  KI  49D  N1 102B
                                                                          N0  84B  MU  80D  KO  90D  KR  80B  BL  92B  IT  85C
                                                                          bk   0
1893=MG 19 1540 17795 RUSS DW          0     0     0   0.00N   0.00E  kr  80B  bl  92B  it  84B
1894=MG 21 1505 17795 RUSS DW      12510  1139   129  38.84S 152.65E  KR  80D  KO  80D  IT  74D  IT  74D
1895=MG 22 1516 17795 RUSS DW          0     0     0  51.14S 167.79E  BL  95C  IT  87B
1896=MG 24 1510 17795 RUSS DW       6157   132   127  42.23N  60.50E  KR  82C  BL  90C  IT  88A  bk   0
1897=MG 18 2017 17865 RUSS RL G8   250     0     0     0   0.00N   0.00E  lv  17D  lr  25C  an 337B
1898=MG 18 1431 17895 RUSS RL P1   250   620   114   135  41.50N  65.79E  BD  71B  IT  86A  BL  90B  N3 124C  N1 102B  N0  84B
                                                                          VB  24B  SS  36C  PS  28C  KI  48D  N1 102B
1899=MG 19 0501 17895 RUSS RL P1   250   199    87   124  50.52N  45.24E  RO  60C  N0  90B  N2 130B  BK  77B  SS  39C  an 328B
                                                                          ko  85B
1900=MG 19 1131 17895 RUSS RL P1+  500     0     0     0  51.19S 174.18E  BD  80C  IT  80C
1901=MG 19 1025 17895 RUSS RL P1+  500     0     0     0  16.13N  73.03E  N2 116B  N3 125B
1902=MG 20 0831 17895 RUSS RL P1+  500     0     0     0   0.00N   0.00E  n2 130C  n1 135C  n0  90B  bd  75B  bk   0
1903=MG 20 0731 17895 RUSS RL P1+  500     0     0     0  52.94N   7.27E  BD  75B  BK   0
1904=MG 21 1305 17895 RUSS RL P1+  500  3203   259   132  48.58N  59.66E  EN  95C  SS  37C  PS  23C  BE  32B
1905=MG 22 0633 17895 RUSS RL P1+  500     0     0     0  31.67N  72.32E  N2 110B  N3 120B
1906=MG 21 1146 17895 RUSS RL P1+  500     0     0     0   0.00N   0.00E  vb  36C  ss  37C  be  31C
1907=MG 23 1231 17895 RUSS RL P1+  500  1519   265   128  41.76N  65.70E  BD  75C  LR  25C  PS  24B  CA  28C  BE  31C  VB  24C
                                                                          KR  77C  IT  85C  KO  80C
1908=MG 24 1301 17895 RUSS RL P1+  500  1004   114   149  45.26N  63.85E  N2 110A  N1 101B  N0  86B  bk   0  VB  27C  SS  35C
                                                                          LR  29C  KI  24B
1909=MG 13 1112 21455 RUSS RL G2B  250     0     0     0  39.61N  62.64E  PS  25B  FE 356A
1910=MG 13 1716 21510 RUSS RL HD   250  1230   378   175  43.82N  66.66E  PS  22C  KI  14C  HL 326B  GI  12C  FE 354A  DS   9C
                                                                          AL  18A
1911=MG 17 0631 21510 RUSS RL HD   250     0     0     0   0.00N   0.00E  n0 114B  ko  75C  it  82A
1912=MG 14 1449 21735 RUSS RL G18   10  9911   807   158  33.06N  71.28E  CA  28C  BE  32B  AL  19B
1913=MG 12 1610 21510 TB   RL HD   250 10480  1091   156  43.49N  62.58E  VB  26C  KI  14C  AL  23C
1914=MG 22 2238  9565 UKR  RL P4   250  1176    28    91  51.67N  17.92E  BK  81A  VB  35C  SS  33C  AL  43B
1915=MG  5 1840 11885 UKR  RL P5   250     0     0     0  42.85N  60.19E  BE  35B  SS  37C
1916=MG  5 2101 11885 UKR  RL P5   250     0     0     0   0.00N   0.00E  bd  72B  n0  85C  bk  80B
1917=MG  5 2001 11885 UKR  RL P5   250  1302   119   117  45.77N  51.31E  bd  68C  IT  90C  BL  90B  kr  77A  KO  78B
1918=MG  9 2041 11885 UKR  RL P5   250   761    51   179  56.56N   7.27E  SS  35C  PS  40C  LR  39D  BK   0
1919=MG 10 2140 11885 UKR  RL P5   250  2846   516   111  55.10N   9.68E  SS  37C  PS  40D  AL  40D  GI  37D  LR  43B
1920=MG 21 1941 17895 UKR  RL P4   250     0     0     0   0.00N   0.00E  gi  55D  ss  41C  bk   0
1921=MG 21 1840 17895 UKR  RL P4   250  7403   887     2  54.19N  72.90E  KI   6C  LV 352C  DS 358B
1922=MG 24 1535 17895 UKR  RL P4   250     0     0     0  41.46N  68.14E  N1 101B  N0  86B
1923=MG  5 1940 11895 hung RFE G1B 250  6516   967   141  45.55N  57.60E  SS  36C  CA  30C  BE  35C
1924=ML  6 1548 11705 RUS  IBA       2147   213    61  57.48N 156.65E  AL 333B  DS 325B  LV 320C  AN 284C  FE 314B
1925=ML  6 1626 11705 RUS  IBA       1986   185    65  57.90N 161.58E  AN 284C  FE 312B  DS 323B  LV 319B
1926=ML 13 1017  7220 RUSS RL L2   100 18367   686    37  38.72N 118.62E  FE 316C  DS 324B  AN 292C
1927=ML 15 0841  7220 RUSS RL L2   100  3446   333    84  58.29N 178.46E  LV 317C  DS 325C  FE 308C
1928=ML 14 1113  7220 RUSS RL L2   100  3165   142    76  62.19N 169.35E  LV 324C  FE 316C  DS 327C  AN 291C
1929=ML 14 1411  7220 RUSS RL L2   100 10061   558    36  36.72N 119.16E  LV 314C  FE 316C  DS 324C  AN 290B
1930=ML 17 1140  7220 RUSS RL L2   100  1148   349    57  53.95N 145.32E  FE 316C  DS 322C  AN 287C  HL 322C
1931=ML  4 0446 11935 RUSS RL HA   250     0     0     0  43.81N 116.13E  HL 311B  LV 322C
1932=ML  6 0540 11970 RUSS RL G3A  250     0     0     0  51.39N 138.46E  LV 318C  AN 289B
1933=ML  7 0844 11970 RUSS RL HA   250 14779   715    30  18.00S  80.38E  FE 322C  DS 324C  AN 292C
1934=ML 14 1313 15380 RUSS RL P3+  500  2924   885    63  52.61N 134.95E  LV 322C  HL 319D  DS 324C
1935=ML  8 0416 11885 UKR  RL P5   250     0     0     0   0.00N   0.00E  lv 316C  an 331C
1936=ML  7 1740 11885 UKR  RL P5   250     0     0     0  37.53N 119.13E  GI 331C  AN 291C
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1937=MR  9 1701 11825 RUSS RL  P2  250     0    0    0  90.00N  90.00W  RO   0C  BK   0
1938=MR  8 0601 11935 RUSS RL  HA  250     0    0    0  51.44N  12.45E  RO   0C  BK  82B
1939=MR  8 0249 11935 RUSS RL  HA  250     0    0    0  51.46N  23.92E  SS  40C  LR  42C
1940=MR  6 0740 11970 RUSS RL  G3A 250  1882  113   66  55.64N  45.40W  BE  45C  CA  47C  LR  41C
1941=MR 22 1910 17885 RUSS RL  G18  10     0    0    0  51.87N  30.16E  CA  40C  BE  44B
1942=MS  7 2201 11770 TAJI RL  HB  250     0    0    0  52.94N  12.45E  RO   0C  BK  58B
1943=MU 14 1746 15340 AZ   RL  L4  100  4092  492   15  64.17N  62.10E  LV 358C  FE 358C  AN 343B
1944=MU 19 1401 17760 AZ   RL  L3  100   899  121  106  54.97N  61.28E  ro  30C  N0  73C  BD  57C  bk   0  n3 155B  n2 142B
                                                                        kr  68A  IT  67B  MU  60B  KO  56B
1945=MU 15 0340 15115 BULG RFE G9   50     0    0    0   0.00N   0.00E  kr  71B  bl  62B  it  65B
1946=MU 11 0311 15370 DARI RFE B7  100  3066  353   15  55.65N  60.23E  GI  13D  AN 341A  AL  18D
1947=MU 12 0301 15370 DARI RFE B7  100   663  411   60  61.12N  65.76E  RO  40C  PS  12C  AN 341B  HL 337B
1948=MU 24 1535 17770 LITH RFE G3A 250     0    0    0   0.00N   0.00E  ko  50C  bl  63B  it  65B  bk   0
1949=MU 23 1331 17710 RUS  IBA         667  219  142  49.19N  65.38E  RO  60C  LR  20C  N2 105B
1950=MU 23 1401 17710 RUS  IBA           0    0    0  90.00N  90.00W  RO   0C  BK   0
1951=MU 22 1631  9715 RUSS DW            0    0    0   0.00N   0.00E  ro   0C  mu  61B  kr  65B
1952=MU  7 1431 11825 RUSS RL  P2  250     0    0    0  30.64N  63.46E  N0 100C  N2 120C
1953=MU  7 1633 11825 RUSS RL  P2  250     0    0    0   0.00N   0.00E  kr  90B  ko  50B  bk   0
1954=MU 10 1512 11825 RUSS RL  P2  250   396   89  179  68.67N   7.28E  BK   0  BE  31B  AL  25C
1955=MU  7 1816 11905 RUSS DW            0    0    0  58.55N  13.13E  VB  34B  AL  37C
1956=MU 14 0701 15130 RUSS RL  P6  250     0    0    0  54.46N  59.10E  BD  62C  N0  75B
1957=MU 17 0416 15130 RUSS RL  P6  250  8669  234    0  90.00N  90.00W  BK   0  RO   0C  bd  57B  BK   0
1958=MU 11 0301 15290 RUSS RL  G15 250     0    0    0   0.00N   0.00E  n0  73B  an 293B  gi  18D
1959=MU 12 1131 15290 RUSS RL  G15 250   608   72   93  56.59N  44.85E  BD  57B  MU  60D  KR  60C  IT  70B  KO  55B
1960=MU 11 0210 15340 RUSS RL  G15 250     0    0    0  33.52N  50.41E  AN 343B  GI  26D
1961=MU 16 0101 15340 RUSS RL  G15 250     0    0    0  56.03N  12.45E  RO   0  BD  56B
1962=MU 12 0210 15370 RUSS RL  B7  100   618  203   99  54.16N  60.52E  AN 341B  HL 337B  GI  10C  MU  58C  KO  60B
1963=MU 14 0431 15370 RUSS RL  B7  100     0    0    0  59.77N  30.64E  N2 140B  N0  75B
1964=MU 15 1301 15445 RUSS RL  P5  250     0    0    0  48.64N  12.45E  RO   0C  KO  65D
1965=MU 19 0612 17725 RUSS RL  G10  50     0    0    0   0.00N   0.00E  n0  75B  n1 131B  n2 125B
1966=MU 18 0631 17735 RUSS RL  G2B 250     0    0    0   0.00N   0.00E  n0 100B  n3 115C  bd  55C  ko  60B  it  80D
1967=MU 21 0501 17735 RUSS RL  G2B 250  4679  328  134  40.11N  89.28E  BK  65B  N0  70B  KR  70B  ko  55C  bl  85C  IT  70C
1968=MU 24 1540 17760 RUSS RL  L3  100     0    0    0  47.92N  58.36E  KI  16B  AN 340C
1969=MU 21 0801 17770 RUSS RL  G1A 250     0    0    0   0.00N   0.00E  n0  75B  mu  61D  ko  55B
1970=MU 23 0701 17770 RUSS RL  G1A 250  1315  156  106  55.49N  65.76E  RO  60C  bk   0  BD  59B  MU  55C  KO  52C  BL  60C
                                                                        IT  63C
1971=MU 18 1001 17895 RUSS RL  P1+ 500     0    0    0  32.59S 152.30E  BD  57B  KO  75C
1972=MU 19 0518 17895 RUSS RL  P1  250     0    0    0  55.24N  27.98E  KR  65B  KO  50B
1973=MU 20 0831 17895 RUSS RL  P1+ 500     0    0    0  52.96N  23.82E  KR  75B  KO  55C
1974=MU 20 0401 17895 RUSS RL  P1  250   745  105  128  70.76N 171.63W  RO   0C  BK   0  AN 327C
1975=MU 24 1305 17895 RUSS RL  P1+ 500     0    0    0  54.52N  25.44E  BL  70C  KO  50B
1976=MU 11 1401 21500 RUSS RL  G1A 250     0    0    0  54.58N   7.27E  BD  56B  BK   0
1977=MU 20 1731  9565 UKR  RL  L7  100     0    0    0   0.00N   0.00E  bk   0  ro   0C  bl  70B
1978=MU 18 1631 17895 UKR  RL  P4  250   864   63  102  56.58N  57.00E  bk   0  MU  55B  KR  61A  IT  64A  KO  55B
1979=MV 22 1905 17885 RUSS RL  G18  10     0    0    0  50.48N  27.46E  IT 100C  KO  70B
1980=MW 11 2143 15370 RUSS RL  HB  250     0    0    0  54.12N 155.48E  HL 325D  AN 281A
1981=MW 15 1640 15405 RUSS DW            0    0    0  42.69N 131.20E  KI 326C  DS 320C
1982=MX  4 0431  5955 LITH RFE HD  250     0    0    0  58.17N  21.00E  N1 150C  N0  88C
1983=MX  4 1325  6105 RUSS RL  L9   20     0    0    0  68.88N  31.37E  N3 128B  N2  87B
1984=MX 10 1101  6105 RUSS RL  L9   20     0    0    0  68.65N  34.24E  N2  87B  N3 120C
1985=MX 15 1431  7220 RUSS RL  L2  100     0    0    0  62.44N  36.36E  N3 145C  N2 120C
1986=MX 24 1710 17885 RUSS RL  G18  10     0    0    0  52.61N  31.51E  KI  28C  AN 359C
1987=MX 24 1711 17895 UKR  RL  P4  250     0    0    0  51.17N  31.48E  KI  29C  AN 359C
1988=N9 10 2037 11825 CZEC RFE G3B 250  7416  145   96  56.24N  12.58W  VB  40C  PS  40C  LR  44B  BE  51A
1989=N9 10 2311 11825 CZEC RFE G3B 250  6592  552  134  43.62N  32.60E  BE  49B  LR  47B  GI  35C  AL  37C
1990=NA 11 0816 21650 DARI DW          250   29  111  50.00N  26.03E  IT 100D  MU  76D  KO  70D  BL 103A
1991=NA 13 0801 21650 DARI DW           89   25  104  49.59N  32.37E  BD  82A  N0 108B  bk  98B  N2 150B  IT 101B  MU  75B
                                                                        BL  97B  KO  75A
1992=NA 14 0816 21650 DARI DW            0    0    0   0.00N   0.00E  mu  78B  bl 100B  kr  83A  ko  70B
1993=NA 16 0816 21650 DARI DW            0    0    0  49.49N  22.22E  KO  73B  MU  75B
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1994=NA 15 1101 21510 KAZA RL  HD  250     0    0    0    0.00N    0.00E  n0 100C n1 140C bk 100B
1995=NA 13 1501 21610 PASH VOA              0    0    0   50.14S  168.05E  BD  81A BK  93B
1996=NA 13 1431 21610 PASH VOA            119   41  118   50.95N   30.68E  BD  81A bk  94B N1 140B N0 108B BE  45A
1997=NA 14 1501 21610 PASH VOA              0    0    0   52.40N    7.27E  BD  82B BK   0
1998=ND 12 1111 15130 RUSS RL  P6  250     0    0    0   57.96N   10.80E  VB  35C SS  34C
1999=ND 24 0931 17725 RUSS RL  G10  50     0    0    0    0.00N    0.00E  n1   0 n3   0 n2 130C bd  82B n0   0 n3 166B
                                                                           n2 139B n1  91B
2000=ND 24 0831 17725 RUSS RL  G10  50     0    0    0   57.25N   32.11E  N1 125C N0  85B
2001=NI 15 0201  7155 BR   RL  G2   250   665   76  100   59.13N   37.88E  N0  75B bd  66B SS  32C IT  60D bl  65B
2002=NI 10 1401 11875 DARI RFE L5   100     0    0    0    0.00N    0.00E  ro   0C bl  80B kr  70C
2003=NI 17 0110  7155 EST  RFE G2   250  1857  346   91   57.90N    7.18W  VB  34C SS  34B LR  48C BE  44C
2004=NI 18 0301  9615 PASH DW              0    0    0   53.67N    7.27E  BD  66C BK   0
2005=NI  4 2031  5955 RUSS RL  HD  250     0    0    0    0.00N    0.00E  n0  85B n3 140B bk   0
2006=NI  4 0001  5955 RUSS RL  HD  250    86   57  108   58.89N   31.27E  N0  82C n3 155C N1 120C N2 140C BK  50B
2007=NI  8 0101  6050 RUSS RL  B4  100     0    0    0   55.26N   48.58E  N0  80C BD  64B
2008=NI 11 0011  7155 RUSS RL  G2   250  3752 1088  121   60.08N   29.96E  SS  31C GI  27D vb  49C AL  27D
2009=NI 12 0001  7155 RUSS RL  G2   250   725  132  131   51.28N   58.76E  N1 100B N0  80B BD  68B SS  31C PS  27C lr  47B
                                                                           VB  30C
2010=NI 12 0531  7155 RUSS RL  L6  100     0    0    0   56.44N   36.30E  N2 135C N0  85C
2011=NI 13 2301  7155 RUSS RL  G2   250   695  155  145   50.07N   62.10E  N3 120B N0  80B bk   0 SS  32C PS  37D BE  32C
2012=NI 11 0001  7165 RUSS RL  G1A 250     0    0    0    1.83N  100.41E  RO  90C N0  85C
2013=NI 12 0131  7165 RUSS RL  G1A 250     0    0    0   58.38N   32.98E  N0  80C N1 120C
2014=NI 14 2331  7165 RUSS RL  G1A 250     0    0    0   34.31S  172.73W  RO  30C BK   0
2015=NI 12 2201  7220 RUSS RL  L2  100    35   20    9   53.50N    7.27E  BD  68B BK   0 ro   0C BD  68B BK   0
2016=NI 11 2001  7245 RUSS RL  HC  250   173   50  118   47.06S  172.72W  ro   0C BK   0 kr  69C MU  70B BL  70D KO  64B
2017=NI 13 2131  7245 RUSS RL  HC  250     0    0    0    0.00N    0.00E  ro  30C bd  65B bk   0
2018=NI 11 0040  7255 RUSS RL  G4B 250  7167  872  145   20.89S   82.97E  AL  28D ss  31C PS  47D LR  47C
2019=NI 21 0316  9650 RUSS DW              0    0    0    0.00N    0.00E  kr  80C ko  65D it  80C bl  70C
2020=NI 18 1701  9715 RUSS DW            1079  123  100   53.75N   52.14E  BD  66B bk   0 MU  65C KO  60B IT  70D bl  80C
2021=NI 18 1501  9715 RUSS DW              0    0    0    0.00N    0.00E  mu  60C it  70C bl  85C
2022=NI 21 1520  9715 RUSS DW              0    0    0   51.42N   56.54E  KO  65B BL  75D
2023=NI 21 1801  9715 RUSS DW            663   68  180   63.12N    7.26E  BK   0 BE  37C GI  37D
2024=NI 22 1501  9715 RUSS DW              0    0    0    0.00N    0.00E  kr  68B it  77B bk   0
2025=NI 22 1631  9715 RUSS DW              0    0    0   90.00N   90.00W  RO   0C BK   0
2026=NI 24 1501  9715 RUSS DW              0    0    0   54.41N   12.45E  KO   0C BD  67B
2027=NI  5 0901 11770 RUSS RL  B6  100     0    0    0   59.15N   24.36E  N0  80B N1 137B
2028=NI  6 1231 11875 RUSS RL  L5  100     0    0    0   51.25S  173.78W  BK 103A BL  76A
2029=NI  9 1431 11875 RUSS RL  L5  100     0    0    0    0.00N    0.00E  ro   0C bd  65B bk   0
2030=NI  9 1301 11875 RUSS RL  L5  100     0    0    0    0.00N    0.00E  ro   0C bd  60C bk  66B
2031=NI 11 1010 15130 RUSS RL  P6  250  9739  943  148   35.79N   63.16E  CA  31C SS  41D BE  37B
2032=NI 11 1210 15130 RUSS RL  P6  250     0    0    0   36.84N   58.24E  VB  33C AL  28C
2033=NI 15 0914 15130 RUSS RL  P6  250     0    0    0   34.73N   68.35E  VB  27B SS  39C
2034=NI 12 0501 15290 RUSS RL  G15 250   323   91  129   52.87N   46.82E  N2 125C N0  90B BD  68B N1 105C SS  43C LR  45D
                                                                           BE  35C
2035=NI 11 0011 15340 RUSS RL  G15 250     0    0    0    0.00N    0.00E  mu  70D kr  67A it  78B ko  60B
2036=NI 20 0332  9625 UKR  RL  P4   250     0    0    0   52.26N   52.28E  KR  70B BL  75C
2037=NJ 13 2150  7245 RUSS RL  HC  250     0    0    0    0.00N    0.00E  kr  70B ko  62B bl  70B it  80C mu  70C
2038=NJ 20 1510  9715 RUSS DW              0    0    0   54.24N   43.89E  MU  61D IT  75B
2039=NK 19 2231  9725 CZEC RFE G11  50     0    0    0    0.00N    0.00E  ro   0C n1 117C n2 135C n0  93B
2040=NK  8 2331 11825 CZEC RFE G3B 250   631  111  120   47.46N   56.38E  N0  83B KR  78A AL  23D AN 338B PS  34C LV  25D
                                                                           SS  35C LR  40D VB  34B DS  29C fe 229C
2041=NK 10 2140 11825 CZEC RFE G3B 250  1721  852  166   28.34N   60.10E  LR  44B GI  10D SS  38C AN 333B
2042=NK 10 2040 11825 CZEC RFE G3B 250     0    0    0   54.19N    5.58E  SS  38C LR  45C
2043=NK 10 2311 11825 CZEC RFE G3B 250     0    0    0   38.85N   64.47E  SS  38C AN 333B
2044=NK 11 1031 15255 CZEC RFE G14 250  1578  578  147   36.93N   67.71E  N0  90C PS  38C BE  27C AN 328C HL 326D
2045=NK 11 2141 15255 CZEC RFE G14 250   448   44  180   55.26N    7.26E  SS  35C BE  48B al  24C PS  43C BK   0
2046=NK 11 1747 15255 CZEC RFE G14 250     0    0    0    0.00N    0.00E  vb  20C hl 326C fe   6C
2047=NK 11 1601 15255 CZEC RFE G14 250  1961  132  130   40.11N   63.20E  N0  88B BD  77B SS  41C IT  90A KO  80C BL  90C
                                                                           bk   0
2048=NK 11 2301 15255 CZEC RFE G14 250   469   90  127   38.72N   65.23E  RO  70C bk   0 BD  79A SS  35C GI 332C AN 331A
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2049=NK 12 2101 15255 CZEC RFE G14 250   400   74  119  46.30N  54.70E
2050=NK 12 1414 15255 CZEC RFE G14 250  1721  605  173  35.61N  66.72E
2051=NK 13 0710 15255 CZEC RFE G14 250  2496  997    0  38.45N  65.42E
2052=NK 12 1140 15255 CZEC RFE G14 250   989  462  159  53.89N  54.41E
2053=NK 12 1513 15255 CZEC RFE G14 250  2178  694  153  28.04N  61.71E
2054=NK 13 1047 15255 CZEC RFE G14 250  1455  598  167  38.10N  64.59E
2055=NK 13 0910 15255 CZEC RFE G14 250  1622  619  163  38.79N  68.45E
2056=NK 13 1640 15255 CZEC RFE G14 250   675  278  132  45.43N  65.25E
2057=NK 13 2201 15255 CZEC RFE G14 250   103   88   70  53.33N  12.45E
2058=NK 13 2010 15255 CZEC RFE G14 250  1512  500    5  32.98N  66.05E
2059=NK 13 1310 15255 CZEC RFE G14 250  1525  355  165  38.96N  69.07E
2060=NK 14 1214 15255 CZEC RFE G14 250  2083  862  178  35.87N  61.40E
2061=NK 14 1431 15255 CZEC RFE G14 250   499  211  151  41.26N  67.89E
2062=NK 14 2110 15255 CZEC RFE G14 250  3336  845   20  39.61N  74.46E
2063=NK 14 2001 15255 CZEC RFE G14 250     0    0    0   0.00N   0.00E
2064=NK 14 1816 15255 CZEC RFE G14 250  1695  635   16  38.38N  66.21E
2065=NK 16 0531 15255 CZEC RFE G14 250     0    0    0   0.00N   0.00E
2066=NK 15 1312 15255 CZEC RFE G14 250  1891  790  171  13.49N  69.46E
2067=NK 15 1131 15255 CZEC RFE G14 250  8436  534  144  31.67N  73.65E
2068=NK 15 1940 15255 CZEC RFE G14 250  1670  700   15  38.07N  64.21E
2069=NK 17 1210 15255 CZEC RFE G14 250  1287  612  166  44.41N  62.49E
2070=NK 16 2041 15255 CZEC RFE G14 250  2801  770   22  37.12N  65.09E
2071=NK 17 1140 15255 CZEC RFE G14 250  4274  798  154  29.15N  71.63E
2072=NK 16 1941 15255 CZEC RFE G14 250  2020  936  162  27.16N  62.01E
2073=NK 16 2310 15255 CZEC RFE G14 250     0    0    0  29.56N  42.40E
2074=NK 17 2141 15255 CZEC RFE G14 250     0    0    0  41.18N  66.71E
2075=NK 17 1901 15255 CZEC RFE G14 250   563  176  136  41.71N  67.29E
2076=NK 17 1731 15255 CZEC RFE G14 250   994  502  150  38.07N  66.49E
2077=NK 15 1731 15240 RUS  IBA           145   80  122  56.87N  33.01E
2078=NK 18 1605 17710 RUS  IBA          1220  668  134  48.56N  64.28E
2079=NK 23 1331 17710 RUS  IBA             0    0    0   0.00N   0.00E
2080=NK 23 1401 17710 RUS  IBA             0    0    0   0.00N   0.00E
2081=NK 12 0219 15130 RUSS RL  G1B 250     0    0    0  49.14N  72.05E
2082=NK 11 2201 15130 RUSS RL  G15 250     0    0    0   0.00N   0.00E
2083=NK 13 0201 15130 RUSS RL  G1B 250     0    0    0  53.03N  29.61E
2084=NK 15 0240 15130 RUSS RL  G1B 250     0    0    0  49.89N  47.95E
2085=NK 17 0431 15130 RUSS RL  P6  250     0    0    0  90.00N  90.00W
2086=NK 15 1531 15245 RUSS BBC CYPRUS    717  113  130  38.60N  66.88E
2087=NK 15 0410 15255 RUSS RL  G18  10  2104  159  122  43.11N  60.21E
2088=NK 18 1210 17760 RUSS RL  L3  100 2809 1056  161  25.49N  72.38E
2089=NK 21 1140 17760 RUSS RL  L3  100     0    0    0  55.19N  10.03E
2090=NK 22 1216 17760 RUSS RL  L3  100  1113  203  143  37.11N  69.81E
2091=NS 11 2001  7245 RUSS RL  HC  250     0    0    0  64.24N  22.64E
2092=NU  9 1341 11770 ???? ???????????? 5209  504   52  64.10N 158.25E
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RO 55C N3 120C BD 77A bk 0 HL 323C KR 82A
KO 70C BL 90B IT 87B bk 0 bk 0
PS 28C LV 349C LR 28C HL 324D FE 351B DS 4C
AN 333C VB 27B AL 23C bk 0
LV 348C AN 336C SS 36D LV 348D VB 30C
VB 27B SS 36C LV 349C LR 26B HL 323D BE 31B
AN 352C LV 349C HL 323D AN 352C
VB 27B SS 53C LV 359B BE 48B AL 24C bk 0
LR 30C CA 32D AN 333B BE 37B DS 3B VB 24C
SS 36C
LR 28C SS 36C DS 2B AN 329C CA 28C BE 31B
VB 23C HL 326D
HL 329C BE 33A AN 332B AL 17B SS 36C BK 74B
RO 0C BD 75C SS 41C an 331B
VB 37C SS 38C HL 325C FE 353A AN 328B AL 22C
ro 0C VB 25C SS 49C BE 31B AL 18A AL 18A
LV 358D FE 355B DS 3B AN 329C bk 0 bk 0
bk 0 SS 39C LV 24C HL 332D DS 2B AN 328C
ro 0C N2 110B N0 85B BD 75B bk 0 SS 38C
LR 28C HL 331D GI 9C FE 356C DS 4B AN 330A
VB 29C
LV 344B HL 322C GI 13D AN 328C
ro 0C n0 88B bd 77A bk 0 mu 80C kr 85C
ko 79B bl 88A it 90A fe 351B lv 347B ss 36C
lr 30C be 34C al 16C be 33C ki 16C lr 346C
al 18C an 330A
SS 36C LV 352C HL 324B FE 354B AN 332B
ro 0C n0 85A ss 51C
SS 36C CA 47C DS 7C BE 50C LV 358C FE 339B
N0 90B ro 0C VB 17D BE 34C
SS 38C HL 325B FE 2C DS 358C AN 333B
SS 36C PS 21C HL 332B GI 14C FE 355C DS 6B
BE 33B
DS 2C HL 324B AN 333B
VB 23C SS 45C PS 21C GI 14C BE 33B
SS 36C FE 357C BE 46C PS 42C AN 328C
SS 56C GI 34D
AN 332B SS 35C
BD 75A N0 87B BE 33A GI 4D AN 332B HL 326B
LV 354C DS 6C AL 17A SS 36C FE 356C bk 0
ro 0C N0 90C bk 0 SS 36C BE 36B DS 2D
FE 356C HL 325B AN 328C
RO 35C N1 125C N0 85C
KR 70D SS 36C LV 2C FE 351C DS 2C
n0 0 bd 77B n0 87B
n0 87B n3 0
PS 15C AN 331B
n0 90B n2 130B bk 0
RO 40C BD 75C
SS 36C GI 21C
RO 0C BK 0
N2 110B N0 90B ro 0 KO 80A KR 79B BL 90B
IT 89A
KO 78B BL 88B IT 87B
FE 345C VB 36C KI 10C SS 38C bk 0
VB 38C SS 37C
bk 0 N3 120B N0 90B EN 99B BD 77B IT 90C
N2 150B N1 110C
VB 340B PS 337C KI 332C AL 332B
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2093=NU  9 1213 11770 ???? ???????????? 1293  282   49  52.29N 134.69E  LV 322C HL 314C FE 318B DS 333B AN 292B AL 330B
2094=NU 12 1550  7255 RUSS DW            2353  124   70  60.96N 163.69E  LV 322B fe 309C DS 328B AN 290B
2095=NU 18 1916  9520 RUSS RL  L1  100   1150  285   53  52.60N 143.41E  LV 319C HL 320C AN 287B
2096=NU 18 1844  9520 RUSS RL  L1  100   4052  179   60  57.90N 155.00E  FE 314C AN 288B LV 320C
2097=NU 18 1410  9520 RUSS RL  L1  100      0    0    0   0.00N   0.00E  lv 338D fe 326B ds 332C
2098=NU 19 1441  9520 RUSS RL  L1  100  11387  580   43  47.15N 126.17E  LV 319C DS 327C AN 294D FE 316B
2099=NU 20 2011  9520 RUSS RL  L1  100   7380  370   45  48.50N 133.83E  AN 289B LV 317C FE 314C
2100=NU 21 2040  9520 RUSS RL  L1  100      0    0    0  62.84N 168.57W  AN 289C LV 327C
2101=NU 21 1911  9520 RUSS RL  L1  100  10731  501   38  40.77N 125.15E  KI 325C DS 322B AN 289B
2102=NU 22 1410  9520 RUSS RL  L1  100      0    0    0   0.00N   0.00E  ki 320C hl 314C fe 328C ds 327C
2103=NU 22 2116  9520 RUSS RL  L1  100      0    0    0   0.00N   0.00E  an 288C gi 147C
2104=NU 24 1410  9520 RUSS RL  L1  100      0    0    0   0.00N   0.00E  ki 325D fe 317B an 291B
2105=NU 24 1210  9520 RUSS RL  L1  100   1541  472   52  49.91N 133.26E  LV 315D KI 330C HL 316C FE 321D DS 327C AN 290C
2106=NU 24 1010  9520 RUSS RL  L1  100   1031  342   51  49.22N 132.31E  PS 337C HL 315B GI 313D FE 316C DS 328C AN 291B
2107=NU 24 1841  9520 RUSS RL  L1  100      0    0    0  46.69N 130.08E  FE 314B AN 290B
2108=NU 23 2012  9520 RUSS RL  L1  100  12807 1061   30  13.11N 103.35E  LV 311C KI 330C AN 291C
2109=NU 24 2140  9520 RUSS RL  L1  100      0    0    0  43.91N 128.11E  LV 316C AN 289C
2110=NU 18 1712  9715 RUSS DW            0    0    0   0.00N   0.00E  lv 325C hl 321C an 288B
2111=NU 20 1610  9715 RUSS DW            4977  523   60  55.84N 149.12E  LV 317C DS 327C FE 314C GI 325C
2112=NU 21 1541  9715 RUSS DW            1773  659   63  47.99N 134.64E  FE 312C DS 323B HL 314C
2113=NU 22 1810  9715 RUSS DW             786  109   36  29.21S  72.33E  LV 319C GI  31C FE 307B DS 325B AN 290C
2114=NU 22 1540  9715 RUSS DW            1453  436   53  49.15N 135.62E  LV 319C HL 314C FE 316C AN 286C DS 329C
2115=NU 23 1710  9715 RUSS DW            6079  161   76  63.27N 166.19E  LV 320D DS 331B KI 333C AN 295C
2116=NU 23 1512  9715 RUSS DW            8545  480   41  43.98N 122.31E  FE 317B LV 319B DS 325B AN 293C
2117=NU 24 1510  9715 RUSS DW            1631  462   51  49.80N 130.97E  HL 315C FE 316C DS 331B AN 290C
2118=NU 23 1816  9715 RUSS DW           18994  875   37  34.33N 117.36E  FE 314C DS 322B AN 290D
2119=NU  4 0941 11770 RUSS RL  B6  100   1390  344   48  50.55N 135.00E  HL 317C PS 336C KI 326B AN 291B
2120=NU  4 1241 11770 RUSS RL  B6  100   1115  383   52  47.87N 130.49E  LV 317C GI 328D AN 291B HL 314B
2121=NU  5 0913 11770 RUSS RL  B6  100   1106  249   52  54.05N 141.22E  BE 322C PS 336B KI 328C HL 315C FE 316B DS 323C
                                                                        AN 292B
2122=NU  6 1010 11770 RUSS RL  B6  100   2253   65   80  62.39N 176.56E  AN 288C fe 325C GI 320C DS 328C AN 290B LV 317C
2123=NU  7 1342 11770 RUSS RL  B6  100   1337  329   46  47.74N 133.92E  HL 310C FE 319B AN 287B LV 318C AL 330B
2124=NU  8 1312 11770 RUSS RL  B6  100   1949  494   44  43.83N 122.90E  LV 315C KI 331C HL 310C DS 329C FE 318B AN 291C
2125=NU  8 1241 11770 RUSS RL  B6  100   1363  136   79  65.03N 166.90E  FE 324B AN 298C AL 330B DS 332B GI 335B
2126=NU  8 1110 11770 RUSS RL  B6  100   1291  380   44  47.20N 133.79E  AL 334C HL 311C AN 289B LR 335B fe 329B
2127=NU  4 0711 11855 RUSS RL  HA  250   1089  373   53  48.74N 131.64E  LV 317C AN 291B HL 315B
2128=NU  5 0718 11855 RUSS RL  HA  250    938  330   52  49.43N 134.91E  AL 332B LV 319B KI 331B HL 315B GI 327C FE 314B
                                                                        AN 289C
2129=NU  7 0710 11855 RUSS RL  HA  250   1125  354   48  46.56N 128.38E  AL 326C LV 322C KI 327C HL 311B FE 315C DS 326B
                                                                        AN 292B
2130=NU  7 0016 11855 RUSS RL  G10  50      0    0    0  54.59N 152.27E  AN 284C LV 317C
2131=NU  9 0740 11855 RUSS RL  HA  250   1720  531   49  46.87N 129.10E  HL 313C FE 316C AN 291C DS 321C
2132=NU  4 0317 11935 RUSS RL  HA  250      0    0    0  45.56N 124.50E  AN 293B LV 319C
2133=NU  5 0444 11935 RUSS RL  HA  250      0    0    0  48.79N 134.36E  HL 315C AN 289B
2134=NU  6 0411 11935 RUSS RL  HA  250      0    0    0  57.14N 151.51E  LV 320C FE 314C
2135=NU  7 0516 11935 RUSS RL  HA  250   5676  194   43  47.52N 131.17E  LV 317C AN 290A LV 318C AN 290B
2136=NU  9 0040 11935 RUSS RL  G9   50      0    0    0  34.97N 119.54E  LV 314C AN 289B
2137=NU 11 0746 15130 RUSS RL  P6  250   1463  264   47  47.97N 133.73E  AN 289B FE 313A DS 324C HL 314C KI 326B
2138=NU 12 0613 15130 RUSS RL  P6  250   1423  406   52  49.42N 136.12E  LV 320C HL 315C AN 287C FE 314B
2139=NU 12 0811 15130 RUSS RL  P6  250   1440  312   49  49.65N 134.27E  LV 318C HL 316C FE 314B DS 324B AN 290B
2140=NU 13 0640 15130 RUSS RL  P6  250   1493  430   52  48.17N 134.60E  HL 314C FE 312C DS 323B LV 318C AN 288C
2141=NU 14 0712 15130 RUSS RL  P6  250   1467  544   66  47.90N 129.64E  LV 316C HL 314B DS 327B FE 314C
2142=NU 14 0511 15130 RUSS RL  P6  250   1479  456   52  47.33N 135.05E  HL 313C LV 315C AN 286C FE 314C DS 324C
2143=NU 14 1016 15130 RUSS RL  P6  250   4746  392   79  59.78N 170.00E  LV 320C DS 326C FE 312C
2144=NU 15 0813 15130 RUSS RL  P6  250   1080  293   50  46.24N 131.90E  AN 288C LV 323B HL 311B DS 320B FE 312A
2145=NU 15 1247 15130 RUSS RL  P6  250      0    0    0  26.87S  69.36E  LV 316D FE 333C
2146=NU 17 0910 15130 RUSS RL  P6  250   1187  449   55  47.15N 130.09E  lv  3A KI 329D HL 313B FE 316B AN 289C
2147=NU 17 0442 15130 RUSS RL  P6  250   3352   49   85  62.54N 176.92W  FE 317C DS 323C AN 288B AN 288B
2148=NU 12 0412 15290 RUSS RL  G15 250      0    0    0  50.34N 138.17E  HL 317B AN 288C
2149=NU 11 1540 15290 RUSS RL  P1  250  12578  569   33  12.35N  97.05E  FE 318C DS 326B LV 316A
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2150=NU 13 0812 15290 RUSS RL  G15 250     0    0    0  47.94N 131.88E  FE 314C  HL 314C
2151=NU 13 0642 15290 RUSS RL  G15 250     0    0    0  47.00N 129.08E  LV 318D  HL 313C
2152=NU 13 1240 15290 RUSS RL  G15 250  5713  253   63  58.87N 156.50E  LV 317D  DS 328C  AN 289C
2153=NU 16 1520 15290 RUSS RL  P1  250  1516  270   51  56.60N 145.56E  KI 328B  AL 333A  FE 316B  GI 356D  DS 325A
2154=NU 15 1642 15405 RUSS DW           1554  520   67  50.88N 141.24E  LV 316B  KI 327C  HL 318C  DS 323B
2155=NU 19 1511 17795 RUSS DW           1973  787   67  48.86N 132.82E  LV 319D  HL 315C  FE 314C
2156=NU  7 0111 11885 TB   RL  HA  250     0    0    0  57.76N 145.94E  LV 322C  AN 293C
2157=NU  6 1610 11885 UKR  RL  P5  250  1402  454   54  50.49N 137.16E  LV 320D  HL 317C  AN 289C  DS 323C  KI 327C
2158=NU  6 1842 11885 UKR  RL  P5  250  1248  422   56  52.57N 141.93E  HL 320C  DS 324C  AN 288C
2159=NU  9 0544 11885 UKR  RL  P5  250  1548  564   52  46.42N 133.46E  LV 316D  HL 312C  AN 288C  GI 319D
2160=NU 10 1642 11885 UKR  RL  P5  250     0    0    0  60.37N 162.26E  DS 326C  AL 329C
2161=NU  7 1942 11895 hung RFE G1B 250  1773  330   55  53.10N 144.97E  LV 318C  KI 326C  HL 320D  FE 317C  DS 321B  AN 286C
2162=NU  8 1940 11895 hung RFE G1B 250  4369  315   52  52.90N 141.25E  LV 318B  KI 330C  FE 317B  AN 288C  DS 320B
2163=NU  9 1840 11895 hung RFE G1B 250 12337  156   74  61.97N 167.68E  KI 329D  FE 316C  AN 291C
2164=OO 14 0540  7245 CZEC RFE B7  100     0    0    0  48.25N  17.78E  SS  44C  VB  43B
2165=OO  8 0614 11935 RUSS RL  HA  250     0    0    0  55.33N    .46W  PS  41C  LR  45B
2166=PF 10 1401 11875 DARI RFE L5  100     0    0    0  59.20N  23.26E  N1 140C  NO  80C
2167=PF  6 2231 11770 KAZA RL  HB  250     0    0    0  74.71N 172.73W  BK   0   AN 338C
2168=PF  9 2244 11770 KAZA RL  HB  250     0    0    0    .56S  53.93E  GI  39C  AN 333D
2169=PF 12 1416 15370 KAZA RL  HB  250     0    0    0  19.28N  73.63E  LR  31C  DS 356C
2170=PF 13 1411 15370 KAZA RL  HB  250     0    0    0  82.64N 117.34E  FE 351C  DS 354C
2171=PF 12 1810 15130 LAT  RFE G15 250  1851  510   42  47.32N  80.04E  LV 343C  HL 325A  FE 352C  AN 321C
2172=PF 15 1812 15130 LAT  RFE G15 250     0    0    0  55.86N 147.63E  HL 325C  AN 289C
2173=PF 17 1816 15130 LAT  RFE G15 250  2014  479   29  53.21N  85.74E  AN 327B  GI   2D  DS 345C  HL 325B  FE 340B
2174=PF 16 1842 15130 LAT  RFE G15 250     0    0    0   0.00N   0.00E  hl 326B  fe 351C  gi 340D
2175=PF 11 1514 15130 LITH RFE P6  250     0    0    0  38.04N  67.62E  HL 324C  FE 352C
2176=PF 17 1510 15130 LITH RFE P6  250  1881  548   28  42.48N  88.56E  PS  11C  LV 343C  HL 320B  FE 340B  AN 312B
2177=PF 13 1810 15425 RUS  IBA          0    0    0  53.82N  34.10E  SS  36C  BK  70B
2178=PF 13 0041 15130 RUSS RL  G1B 250     0    0    0  37.21N  75.45E  HL 319C  AN 324C
2179=PF 15 2319 15130 RUSS RL  G15 250     0    0    0  70.60N 113.27E  GI 349C  AN 326C
2180=PF 16 1740 15290 RUSS RL  P1  250     0    0    0   0.00N   0.00E  mu  75C  ko  68B
2181=PF 14 0101 15355 RUSS RL  G2B 250     0    0    0   0.00N   0.00E  bk  75B  bd  66B  be  32C
2182=PF 17 0001 15355 RUSS RL  G2B 250     0    0    0  61.86N  52.79E  N3 115B  N1  85B
2183=PF 15 1201 21500 RUSS RL  G1A 250  1645  259  136  41.65N  78.61E  ro   0C  BD  67B  N1  90B  BL  75C  IT  75C  KR  80C
2184=PF 23 1201 17610 TURK RL  L6  100     0    0    0   0.00N   0.00E  ro  50C  bd  67B  bk   0
2185=PF 17 1943 15380 UKR  RL  P3  250     0    0    0  55.07N 106.29E  HL 324B  GI 346C
2186=PK 10 1746 11875 RUSS RL  L5  100     0    0    0  55.72N  12.46E  VB  37C  AL  40C
2187=PK 11 0901 21455 RUSS RL  G2B 250     0    0    0  51.46N  35.92E  N1 130C  NO 100B
2188=PL 11 1542 21625 ???? ??????????     0    0    0  36.36N  45.69E  VB  41B  AL  37C
2189=PL  9 2312 11935 CZEC RFE G9   50  9939 1310  156  23.05N  62.80E  LR  37C  AL  37D  GI  18C
2190=PL 17 0201  7190 RUSS RL  G4B 250   974   62  180  50.62N  12.45E  RO   0   VB  43D  PS  45D  LR  46C
2191=PL 13 0311  7210 RUSS DW           0    0    0   0.00N   0.00E  bk   0   mu  80B  it  90D
2192=PL 17 0325  7285 RUSS DW           0    0    0  47.73N  68.75E  KR  70B  KO  67C
2193=PL 20 0131  9645 RUSS RL  B8  100  2342  104  107  50.52N  31.22E  BD  82B  LR  42C  BE  43C
2194=PL  9 0401 11875 RUSS RL  L6  100     0    0    0  90.00N  90.00W  RO   0C  BK   0
2195=PL 10 2350 11875 RUSS RL  L6  100     0    0    0  15.58N  59.19E  LR  46C  GI  25C
2196=PL 17 2201 15340 RUSS RL  L4  100     0    0    0  51.71N  16.86E  BD  85C  BL 110C
2197=PL 15 2010 15370 RUSS RL  HB  250  3637  569  133  47.57N  35.68E  VB  38D  SS  38C  PS  39C  LR  44B  GI  24D  AL  33B
2198=PL 20 1335 17725 RUSS RL  G10  50   783   62  125  44.74N  36.04E  IT 108B  MU  93D  BL 108B
2199=PL 24 1912 17750 RUSS RL  HC  250     0    0    0  62.63N  49.66W  LR  26D  DS  32C
2200=PL 20 0541 17760 RUSS RL  L3  100  3148  564   96  56.63N   1.46W  VB  37C  SS  35C  LR  44C
2201=PL 24 0609 17760 RUSS RL  L3  100     0    0    0  58.79N   7.27E  BK   0   NO  91B
2202=PL 22 1510 17795 RUSS DW           0    0    0  45.57N  67.67W  BE  41C  PS  43C
2203=PL 21 2110 17885 RUSS RL  G18  10  2009  472  127  52.75N  19.46E  KI  31C  VB  37C  FE  20C  LV  28C  DS  26C  BE  48B
2204=PL 21 1646 17885 RUSS RL  G18  10   788   85   47  51.82N  59.12W  VB  36C  LV  26D  DS  27C  BE  46C  LR  16D
2205=PL 22 1901 17885 RUSS RL  G18  10   383  110  177  56.39N  12.44E  RO   0C  BE  45B  PS  38B  KI  35C  CA  40C  AL  40B
2206=PL 22 2010 17885 RUSS RL  G18  10  2362  259  105  57.65N   2.44W  PS  39C  LR  42B  GI  36C  DS  34B  BE  48B  CA  43C
2207=PL 23 2135 17885 RUSS RL  G18  10     0    0    0  47.96N  18.29E  MU  90D  KO  84B
2208=PL 24 2031 17885 RUSS RL  G18  10  1557  162  176  46.07N  27.76E  N3 174B  KI  33B  DS  32C
2209=PL 21 2117 17895 RUSS RL  G8  250  6321  597  133  45.25N  33.60E  BE  49B  LR  42B  DS  25C
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2210=PL 15 1201 21500 RUSS RL  G1A 250     0    0    0  90.00N  90.00W  RO   0C  BK   0
2211=PL 15 1739 21510 RUSS RL  HD  250  1565  194   69  61.72N  45.93W  LR  28D  GI  36C  AL  38B
2212=PL 11 2141 15380 UKR  RL  P3  250  1763  538  132  47.49N  26.30E  VB  42C  KI  28C  BE  48B  AN   2C  gi 310D  CA  53C
2213=PL 14 2110 15380 UKR  RL  P3  250  8881 1120  149  25.10N  56.70E  GI  24C  BE  45C  LR  45C
2214=PL 20 1340 17735 UKR  RL  G3  250     0    0    0   0.00N   0.00E  en 140C  ki  22C  gi  25C
2215=PM 16 0915 21625 ???? ??????????? 876  370   65  53.60N 142.89E  LV 323C  HL 321B  AN 288C
2216=PM  8 2310 11725 RUSS RL  P5  250     0    0    0  62.68N 178.75W  LV 325C  AN 289A
2217=PM 19 1617 17795 RUSS DW              0    0    0  53.02N 134.26E  LV 321C  FE 317B
2218=R6  8 0440 11825 BULG RFE G10  50     0    0    0  43.82N  27.57E  KO 100B  KR 110C
2219=R9 20 0101  9680 ARM  RL  L3  100     0    0    0   0.00N   0.00E  n0   0   bd 100B
2220=R9 14 1301 15340 ARM  RL  L4  100     0    0    0  50.64N  12.45E  RO   0C  BK  96A
2221=R9 22 1301 17760 ARM  RL  L3  100     0    0    0   0.00N   0.00E  kr 100A  bl 130B  it 130B
2222=R9 18 0348  9680 AZ   RL  L3  100  2549  525  123  51.35N  21.34E  LR  45C  AN   6D  VB  41C  BE  47B
2223=R9  4 0331 11875 AZ   RL  L6  100    73   31  123  49.04N  19.55E  N0 133B  N2 173B  N1 166B  BD  96A
2224=R9 19 1707 17760 AZ   RL  L3  100  1524  441  126  48.63N  25.41E  n0  73C  BE  48B  AN   3C  VB  41B  SS  42C  PS  41B
                                                                        LR  44C
2225=R9 19 1401 17760 AZ   RL  L3  100   337  126  151  42.89N  40.33E  n0  73C  BD  92B  N3 155B  N2 142B  VB  42B  PS  42B
                                                                        BE  50B
2226=R9 22 1431 17760 AZ   RL  L3  100     0    0    0  51.07N   7.82E  BD  98A  BK  95B
2227=R9 11 2331  7245 CZEC RFE G12  50     0    0    0   0.00N   0.00E  bk   0   kr 104B  ko  80B
2228=R9 12 0408  7245 CZEC RFE G12  50     0    0    0   0.00N   0.00E  bk   0   lr  55C  an 351D
2229=R9 14 0401  7245 CZEC RFE G12  50    85   27  129  50.59N  16.14E  ro 310C  BK  91B  KR 100D  IT 125D  BL 137B
2230=R9 15 0301  7245 CZEC RFE G12  50     0    0    0  38.33S 172.73W  RO  50C  BK   0
2231=R9 20 1010  9725 CZEC RFE B7  100     0    0    0  43.63N  21.68E  N1 163C  N0 140C
2232=R9 10 2212 11825 CZEC RFE G3B 250  2220  284  103  55.16N   3.29W  SS  36C  PS  41D  BE  50B  AL  44C  LR  48B
2233=R9  6 0516 11855 CZEC RFE G3B 250  6561  752  133  43.34N  33.24E  VB  44C  LR  48C  GI  33C  BE  46C
2234=R9 10 1401 11875 DARI RFE L5  100     0    0    0   0.00N   0.00E  bd  99B  bk   0
2235=R9 15 1840 15340 GEOR RL  L4  100     0    0    0   0.00N   0.00E  vb  46C  ca  56C  be  53A
2236=R9  6 2231 11770 KAZA RL  HB  250   188   36  122  46.98N  23.61E  N0 130B  n0 150B  BD  99A  SS  37C  CA  48B  AL  41A
                                                                        GI  39C  BE  53A  VB  38C
2237=R9  8 2311 11770 KAZA RL  HB  250  2143  338  107  55.55N   1.03E  AL  43B  PS  46C  BE  49C  LR  42C  VB  41C  SS  36C
2238=R9  9 2246 11770 KAZA RL  HB  250  1845  251  107  55.77N    .18W  LR  44C  AL  41B  SS  36C  CA  49B  BE  49B  GI  41C
                                                                        VB  40C
2239=R9 20 1040 17750 KAZA RL  HC  250     0    0    0  42.53N  41.90E  N0 110C  N2 140C
2240=R9 23 1141 17750 KIRG RL  HC  250     0    0    0  49.32N  20.70E  N3 186B  N1 162B
2241=R9  4 0240 11770 PASH RFE HB  250  1395  223   96  56.54N  13.83W  GI  50C  PS  41C  BE  50C  SS  42C  KI  37C  AL  46B
                                                                        LR  43B  VB  34C
2242=R9  6 0248 11770 PASH RFE HB  250  8721  552  128  48.75N  23.68E  PS  42B  BE  48C  AL  41B
2243=R9  7 0248 11770 PASH RFE HB  250  1642  448  134  46.00N  24.66E  VB  39C  LV  27D  DS  37B  CA  49C  PS  39C  AN 356C
                                                                        AL  45C  BE  50B  FE  34D
2244=R9  9 0247 11770 PASH RFE HB  250  2917  221  123  50.20N  17.38E  SS  43D  PS  41B  CA  49C  AL  43A  BE  51A  LR  44B
2245=R9  5 0201 11770 RUSS RL  HB  250   221   56  130  47.48N  23.14E  n1 176   N0 130   BD  98B  DS  31B  VB  40B  PS  42B
                                                                        LR  43C  BE  50B  AL  38B
2246=R9  6 1531 11825 RUSS RL  P2  250     0    0    0   0.00N   0.00E  ro   0C  bd  95C  bk   0
2247=R9  7 1431 11825 RUSS RL  P2  250     0    0    0  47.99N  27.54E  RO  55C  BD  92C
2248=R9  7 1631 11825 RUSS RL  P2  250     0    0    0  54.85N  36.39E  N0  90B  BD  68B
2249=R9  8 1404 11825 RUSS RL  P2  250     0    0    0  51.43N   7.27E  KR  90C  BK   0
2250=R9  9 1531 11825 RUSS RL  P2  250     0    0    0   0.00N   0.00E  ro   0C  bk   0  kr 102A
2251=R9 10 1431 11825 RUSS RL  P2  250     0    0    0   0.00N   0.00E  ro   0C  bd  99B  bk  98B
2252=R9  4 1701 11875 RUSS RL  L5  100     0    0    0   0.00N   0.00E  bd 105C  bk   0
2253=R9  6 1701 11875 RUSS RL  L5  100     0    0    0  50.24N  12.45E  RO   0C  BD  98B
2254=R9  7 1010 11875 RUSS RL  L5  100     0    0    0   0.00N   0.00E  bk 103C  bd 100C  bk   0
2255=R9  8 1512 11875 RUSS RL  L5  100  1387  327  169  34.31S 172.73W  BK   0  RO  30C  bd 101B  BK   0
2256=R9  9 1431 11875 RUSS RL  L5  100     0    0    0  90.00N  90.00W  RO   0C  BK   0
2257=R9  7 0631 11885 RUSS RL  L7  100     0    0    0  37.64S 172.73W  RO  45C  BK   0
2258=R9 10 1004 11885 RUSS RL  L7  100     0    0    0   0.00N   0.00E  bk 101B  kr 102B  bl  72C  bk   0
2259=R9 10 1301 11885 RUSS RL  L7  100    96   18  105  50.39N  12.42E  BD  98B  BK 100A  RO   0C
2260=R9 10 1201 11885 RUSS RL  L7  100    97   27  108  49.14N  19.01E  RO  30C  BK 100A  BK 100B
2261=R9  5 0640 11970 RUSS RL  G3A 250     0    0    0   0.00N   0.00E  ps  25C  lr  44C  gi  21C
2262=R9  6 0740 11970 RUSS RL  G3A 250  8639  392   99  55.38N   8.29W  LR  48C  BE  50C  VB  41C
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2263=R9   7 0601 11970 RUSS RL  G3A 250     0    0   0   0.00N   0.00E  bd  99B  bk   0  bk   0
2264=R9   7 0542 11970 RUSS RL  G3A 250  3303  447 119  50.65N  17.95E  SS  41C  PS  42C  LR  46C  BE  50B  AL  41C
2265=R9   9 1325 11970 RUSS RL  HA  250  8669  234   0  90.00N  90.00W  BK   0  RO   0C  BK   0
2266=R9  10 1207 11970 RUSS RL  HA  250  8669  234   0  90.00N  90.00W  BK   0  RO   0C  BK   0
2267=R9  14 0901 15340 RUSS RL  L4  100     0    0   0  48.56N  20.13E  BK 102A  BL 130B
2268=R9  15 0713 15340 RUSS RL  L4  100     0    0   0  49.48N  12.55E  LR  48B  KI  38C
2269=R9  18 1040 17760 RUSS RL  L3  100     0    0   0  53.04N   1.39W  VB  42B  LR  48A
2270=R9  23 0901 17760 RUSS RL  L3  100     0    0   0  50.81N  12.45E  RO   0C  BK  93B
2271=R9  20 0442 17895 RUSS RL  P1  250     0    0   0  50.39N  21.24E  VB  40C  AN   6A
2272=R9   5 2212 11770 TAJI RL  HB  250  2765  349 114  53.74N  10.58E  PS  43B  CA  48C  BE  48B  AL  39C  VB  39C  SS  39C
2273=R9   7 2201 11770 TAJI RL  HB  250   178   35 121  47.44N  23.19E  BD  98A  N0 130B  CA  49B  AL  42B  LR  44C  VB  38C
                                                                      BE  49A
2274=R9  10 2214 11770 TAJI RL  HB  250  2446  303 107  54.87N   1.53E  SS  36C  AL  41C  LR  47B  BE  50B  an 293B  PS  42C
2275=R9  10 0112 11770 TURK RL  HB  250   348   42 180  55.10N   7.27E  SS  36C  VB  41C  AL  37B  LR  45C  BE  51B  PS  40C
                                                                      BK   0
2276=R9   9 1501 11885 UKR  RL  P5  250     0    0   0  50.47N  12.45E  RO   0C  KR 102B
2277=R9   4 0016 11770 UZBE RL  HB  250  4441  519 119  52.36N  19.05E  LR  43B  SS  34D  AL  38C  VB  41B
2278=R9   5 0010 11770 UZBE RL  HB  250  8184  536 131  44.82N  34.23E  VB  40B  PS  36C  BE  49B  AL  39C  LR  43C
2279=R9   7 0001 11770 UZBE RL  HB  250  1321   33 110  49.52N  15.69E  BD  98A  FE  34C  AL  45C  AN 354D  CA  47C  BE  50C
                                                                      PS  45B
2280=RA  18 1648  9525 IRAN IRN          0    0   0  61.41N 166.37E  LV 323C  AN 290C
2281=RA   8 1610  6105 RUSS RL  L9   20 1351  434  56  53.75N 139.16E  HL 321C  FE 319D  AN 291C
2282=RA  12 1841  7220 RUSS RL  L2  100 1096  344  58  52.23N 146.25E  LV 312C  HL 320C  FE 304D  DS 326B  AN 285C
2283=RA  14 1413  7220 RUSS RL  L2  100    0    0   0  34.97N 119.55E  LV 314C  AN 289C
2284=RA  15 1410  7220 RUSS RL  L2  100 8207  471  42  45.74N 130.36E  AN 290C  LV 316C  AN 288C
2285=RA  18 1212  9520 RUSS RL  L1  100 5440  214  70  62.35N 157.82E  fe 331C  LV 322C  AN 298C  DS 325C  KI 329C
2286=RA  18 1917  9520 RUSS RL  L1  100 1141  205  53  53.31N 143.15E  LV 318C  HL 320C  FE 315B  AN 287B  FE 316B  AN 288C
                                                                      LV 318C
2287=RA  18 1840  9520 RUSS RL  L1  100 2993  143  64  58.96N 160.10E  LV 318C  FE 316B  AN 287B  DS 320C
2288=RA  18 1710  9520 RUSS RL  L1  100 1211  252  53  53.73N 141.39E  LV 324C  HL 320C  GI 328C  FE 316B  DS 325C  AN 289B
2289=RA  18 1540  9520 RUSS RL  L1  100 1324  332  56  53.97N 139.34E  LV 323B  HL 320C  FE 316B  AN 290C
2290=RA  19 2116  9520 RUSS RL  L1  100 1444  536  63  48.34N 140.96E  LV 313C  HL 315C  FE 310B
2291=RA  19 1040  9520 RUSS RL  L1  100 1570  532  95  51.98N 145.94E  KI 328C  DS 320C  HL 320B
2292=RA  19 0948  9520 RUSS RL  L1  100    0    0   0   0.00N   0.00E  vb  29C  ki 322C  al 335C
2293=RA  19 1740  9520 RUSS RL  L1  100 6296  480  40  43.95N 128.52E  LV 318D  GI 328B  FE 314C  DS 322B  AN 291C  KI 315C
2294=RA  19 1510  9520 RUSS RL  L1  100 1548  384  49  48.88N 131.25E  KI 326C  HL 315C  LV 318C  LV 318C  FE 316B  GI 328C
                                                                      AN 292C  DS 324C
2295=RA  19 0740  9520 RUSS RL  L1  100 3111  220  62  57.10N 159.79E  FE 311C  KI 324C  DS 320B  AN 284C  LV 325D
2296=RA  19 0346  9520 RUSS RL  L1  100    0    0   0  48.50N 136.75E  DS 322C  AN 287B
2297=RA  20 2010  9520 RUSS RL  L1  100 1603  531  51  46.08N 132.13E  LV 313D  FE 313C  HL 312C  AN 288C
2298=RA  20 0710  9520 RUSS RL  L1  100 1902  406  52  49.90N 141.56E  DS 320B  LV 315C  KI 317C  HL 318D  AN 287C
2299=RA  20 1710  9520 RUSS RL  L1  100 3661  283  56  55.81N 147.91E  DS 325B  LV 318C  FE 316C  AN 288C  GI 327B
2300=RA  20 1510  9520 RUSS RL  L1  100 1611  431  46  47.36N 128.57E  GI 325B  HL 311C  AN 293C  FE 316B  LV 324C
2301=RA  21 2240  9520 RUSS RL  L1  100 12302 762  37  36.89N 118.58E  AN 290C  FE 317C  LV 315C
2302=RA  21 1510  9520 RUSS RL  L1  100 1160  338  55  47.43N 133.42E  LV 316B  KI 328C  HL 311C  FE 313B  DS 325B  LV 317B
                                                                      KI 323C  HL 314C  GI 320C  FE 313C  DS 326B
2303=RA  21 1910  9520 RUSS RL  L1  100 4588  341  53  52.69N 144.34E  LV 315C  KI 325C  FE 311C  DS 325B  AN 287C
2304=RA  21 1212  9520 RUSS RL  L1  100 9757  902  29   8.93N  96.74E  LV 312C  KI 331C  DS 327B
2305=RA  22 1411  9520 RUSS RL  L1  100 2319  807  69  48.71N 130.58E  LV 317C  HL 315C  DS 327C
2306=RA  23 1240  9520 RUSS RL  L1  100 1545  339  49  52.43N 132.11E  HL 319C  FE 321C  DS 325C  AN 294B
2307=RA  22 1740  9520 RUSS RL  L1  100 1249  360  55  51.54N 141.18E  LV 321C  HL 317C  GI 322D  FE 308C  DS 327B  AN 287C
2308=RA  22 1540  9520 RUSS RL  L1  100    0    0   0  49.69N 132.81E  HL 316C  AN 291C
2309=RA  23 1641  9520 RUSS RL  L1  100 6463  389  46  47.58N 132.10E  KI 328B  LV 320D  AN 290C  DS 323A
2310=RA  23 1510  9520 RUSS RL  L1  100 1860   59  98  63.31N 167.07W  AN 294B  DS 326C  LV 320C  KI 325C  FE 312C
2311=RA  22 1610  9520 RUSS RL  L1  100 1386  429  55  50.04N 137.73E  LV 321C  HL 315C  DS 326B  AN 286C
2312=RA  24 1640  9520 RUSS RL  L1  100 1101  285  59  55.57N 147.57E  HL 325C  FE 315B  DS 320B  AN 289C
2313=RA  24 1446  9520 RUSS RL  L1  100 1475  452  53  50.31N 135.13E  LV 321C  KI 329C  HL 316C  DS 327C  AN 289C
2314=RA  24 1840  9520 RUSS RL  L1  100 1475  358  47  46.41N 133.30E  LV 316C  HL 312C  FE 313B  AN 287B
2315=RA  23 2010  9520 RUSS RL  L1  100 7855  577  41  40.65N 128.00E  LV 315C  KI 326C  FE 310C  DS 318C  AN 287C
2316=RA  18 1713  9715 RUSS DW           0    0   0   0.00N   0.00E  lv 323C  hl 320C  an 288C
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2317=RA	24	1511	9715	RUSS	DW			0	0	0	50.53N	134.10E	HL 317C	AN 291C						
2318=RA	8	1025	11770	RUSS	RL	B6	100	0	0	0	60.86N	143.35E	LR 341B	FE 321C						
2319=RA	7	1440	11825	RUSS	RL	P2	250	7966	465	42	44.88N	124.23E	LV 319B	FE 315B	DS 324B	AN 294C				
2320=RA	7	0243	11855	RUSS	RL	G10	50	7661	447	48	51.46N	136.44E	LV 319C	FE 313C	AN 291C					
2321=RA	4	0843	11885	RUSS	RL	L7	100	1472	422	50	46.98N	133.61E	FE 313C	DS 324B	AN 288C	HL 312C	PS 334C	LV 319C	KI 317C	
2322=RA	4	0740	11885	RUSS	RL	L7	100	1558	312	45	45.90N	128.74E	LV 318B	PS 336C	HL 309C	GI 324C	DS 326A	AN 289B	FE 313C	
2323=RA	5	0610	11885	RUSS	RL	L7	100	1147	279	46	45.13N	127.79E	LV 315B	HL 312B	GI 352C	FE 314A	AN 289B	DS 321B		
2324=RA	6	0611	11885	RUSS	RL	L7	100	1103	273	47	47.08N	129.77E	LV 319C	HL 313B	FE 315A	DS 322B	AN 290B			
2325=RA	5	1040	11885	RUSS	RL	L7	100	1075	211	57	54.06N	144.08E	HL 325C	GI 329D	KI 316C	AN 291B	LV 316A	DS 325C	FE 316C	
2326=RA	5	1410	11885	RUSS	RL	P5	250	1725	347	46	47.51N	123.32E	LV 321A	HL 313C	AL 338C	DS 327C	FE 317B	AN 298C		
2327=RA	5	0817	11885	RUSS	RL	L7	100	5789	264	50	53.40N	141.04E	LV 316C	KI 322C	GI 324D	FE 316B	AN 290B			
2328=RA	6	1110	11885	RUSS	RL	L7	100	750	56	93	62.47N	166.10W	KI 322B	GI 313C	DS 318B	ps 35C	LV 315B	LR 326C	AL 332C	GI 313C
2329=RA	6	0906	11885	RUSS	RL	L7	100	1392	159	86	57.78N	178.98E	LV 317A	KI 320B	GI 314C	an 289C	DS 324C	FE 310B	FE 319C	AN 290B
2330=RA	5	1246	11885	RUSS	RL	L7	100	1661	374	45	48.48N	127.52E	FE 317C	GI 326C	LV 319C	DS 328C	HL 314C	AN 294B		
2331=RA	7	0641	11885	RUSS	RL	L7	100	1059	271	48	46.28N	131.63E	LV 314C	HL 312B	FE 313A	DS 325B	AN 288B			
2332=RA	7	0810	11885	RUSS	RL	L7	100	982	311	52	48.96N	135.14E	LV 319C	HL 315B	FE 315B	DS 320C	AN 288B			
2333=RA	8	0710	11885	RUSS	RL	L7	100	1041	362	55	47.15N	134.86E	KI 325B	LV 318C	AN 287C	FE 313B	HL 313B	DS 320B		
2334=RA	8	0610	11885	RUSS	RL	L7	100	1265	500	65	48.10N	133.25E	FE 312B	DS 326B	HL 314B					
2335=RA	8	1448	11885	RUSS	RL	P5	250	5569	703	33	40.78N	120.49E	AN 291D	FE 316B	VB 346C	PS 338C				
2336=RA	8	1342	11885	RUSS	RL	L7	100	16128	786	32	22.88N	105.12E	AN 297D	LV 316C	FE 316B	DS 324B				
2337=RA	8	1029	11885	RUSS	RL	L7	100	931	391	56	48.28N	136.31E	vb 35C	ps 37C	ki 145C	HL 315B	LR 341B	LV 312C	AN 286C	FE 314C
2338=RA	9	0740	11885	RUSS	RL	L7	100	1645	499	55	47.92N	133.51E	LV 318C	KI 325C	HL 314C	FE 315B	DS 320B			
2339=RA	9	0642	11885	RUSS	RL	L7	100	1356	380	52	49.31N	137.71E	HL 314C	GI 319D	DS 327C	LV 319C	FE 314B	AN 285C		
2340=RA	9	1310	11885	RUSS	RL	L7	100	1490	385	48	49.12N	131.38E	LV 322C	KI 327C	HL 314C	FE 316B	DS 328B	AN 289C	AL 337C	
2341=RA	10	0740	11885	RUSS	RL	L7	100	1493	377	51	47.84N	133.83E	GI 326D	FE 313B	AN 289C	DS 321B	LV 317B	HL 314C		
2342=RA	10	1310	11885	RUSS	RL	L7	100	7334	407	49	51.96N	135.38E	LV 320C	KI 330D	FE 315C	DS 325B	AN 292C			
2343=RA	6	0440	11915	RUSS	RL	L7	100	1228	484	58	44.48N	131.03E	LV 316C	HL 310B	FE 312C	AN 287C				
2344=RA	8	0449	11915	RUSS	RL	L7	100	0	0	0	53.78N	148.95E	LV 317C	AN 285C						
2345=RA	10	0320	11915	RUSS	RL	P1	250	0	0	0	37.66S	79.02E	AN 285C	GI 32C						
2346=RA	4	1040	11970	RUSS	RL	HA	250	1069	225	56	55.52N	145.76E	AN 290B	PS 334C	KI 323C	HL 325C	GI 330C	DS 325B	LV 318B	
2347=RA	6	0642	11970	RUSS	RL	G3A	250	7543	222	56	55.66N	145.82E	AN 289C	FE 315A	DS 323B					
2348=RA	6	0820	11970	RUSS	RL	HA	250	4197	312	51	54.12N	144.03E	FE 313B	AL 332C	KI 322C	GI 327C	DS 324C	AN 290C		
2349=RA	7	1340	11970	RUSS	RL	HA	250	2361	867	56	44.66N	122.21E	HL 311C	FE 317C	DS 326C					
2350=RA	14	0710	15130	RUSS	RL	P6	250	19159	879	36	34.89N	113.32E	LV 317C	DS 326B	FE 316C					
2351=RA	14	0540	15130	RUSS	RL	P6	250	5212	167	62	58.87N	156.48E	FE 316C	LV 321D	DS 323C	AN 289B				
2352=RA	15	0910	15130	RUSS	RL	P6	250	2634	1002	64	49.92N	138.19E	HL 316D	KI 325C	DS 325C					
2353=RA	11	0816	15290	RUSS	RL	G15	250	1482	556	61	48.56N	139.02E	LV 314D	FE 311B	KI 326C	HL 315C				
2354=RA	11	1240	15290	RUSS	RL	G15	250	2465	402	45	48.67N	131.39E	HL 315D	ds 348C	AN 291B	LV 318C				
2355=RA	13	0811	15290	RUSS	RL	G15	250	1834	673	61	48.14N	132.66E	FE 312C	HL 314C	DS 325B					
2356=RA	12	1211	15290	RUSS	RL	G15	250	0	0	0	43.31N	129.20E	LV 315C	FE 312C						
2357=RA	12	0840	15290	RUSS	RL	G15	250	1663	122	73	60.29N	174.13E	DS 326B	AN 283C	LV 320C	FE 312C				
2358=RA	13	1041	15290	RUSS	RL	G15	250	10577	617	54	50.82N	139.14E	LV 315C	FE 312C	DS 325B					
2359=RA	13	0940	15290	RUSS	RL	G15	250	0	0	0	7.18S	86.39E	LV 313C	DS 325B						
2360=RA	13	1241	15290	RUSS	RL	G15	250	5702	409	73	58.69N	162.96E	LV 319C	FE 312C	DS 325B					
2361=RA	13	0841	15380	RUSS	RL	P3+	500	10577	617	54	50.82N	139.14E	FE 312C	DS 325B	LV 315C					
2362=RA	13	1141	15380	RUSS	RL	P3+	500	0	0	0	0.00N	0.00E	lv 315C	ds 325B	an 306B					
2363=RA	14	1411	15380	RUSS	RL	P3+	500	4074	267	52	54.02N	142.97E	LV 315C	GI 329C	DS 326B	AN 290C	DS 326B	AN 288C		
2364=RA	14	1310	15380	RUSS	RL	P3+	500	3646	253	62	58.07N	155.43E	LV 319C	DS 326B	AN 288C					
2365=RA	15	0743	15380	RUSS	RL	P3+	500	5300	431	74	58.42N	165.49E	LV 318C	DS 326C	FE 311C					
2366=RA	15	1310	15380	RUSS	RL	P3+	500	0	0	0	29.01S	72.25E	DS 326C	FE 325B						
2367=RA	15	1413	15380	RUSS	RL	P3+	500	0	0	0	0.00N	0.00E	lv 317C	fe 326C	an 289B					
2368=RA	18	0448	17895	RUSS	RL	P1	250	7096	923	25	.30S	93.83E	DS 322C	FE 318C	GI 342C	AN 289C				
2369=RA	20	0840	17895	RUSS	RL	P1+	500	0	0	0	59.09N	175.01W	DS 323C	LV 320D						

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2370=RA 20 0710 17895 RUSS RL  P1+ 500  5872  636   83  60.70N 178.20E  DS 325C  KI 327C  GI 322D
2371=RA  9 0010 11885 TB   RL  HA  250     0    0    0  48.68N 142.51E  AN 283B  LV 314C
2372=RA  4 0413 11885 UKR  RL  P5  250     0    0    0  45.33N 132.75E  HL 311B  LV 315C
2373=RA  5 0416 11885 UKR  RL  P5  250  1122  484   63  48.72N 134.64E  LV 314D  AN 289C  HL 315B
2374=RA  7 0540 11885 UKR  RL  P5  250  1135  312   49  45.43N 129.88E  LV 320C  HL 311B  FE 313A  DS 322B  AN 289C
2375=RA  9 0540 11885 UKR  RL  P5  250  1464  374   48  48.44N 133.10E  HL 314C  GI 319C  AN 291B  LV 314C
2376=RA  9 0416 11885 UKR  RL  P5  250  1301  420   54  49.64N 139.75E  gi  23C  LV 314C  FE 316C  HL 316C  AN 285C
2377=RA 10 0540 11885 UKR  RL  P5  250  1437  375   47  46.13N 134.48E  FE 308C  LV 320D  DS 317C  HL 312C  AN 287B
2378=RA 11 0413 15380 UKR  RL  P3  250  1386  258   46  48.68N 135.38E  FE 311B  AN 288B  HL 315C  AN 289B
2379=RA 11 1540 15380 UKR  RL  P3  250  8580  469   42  38.05N 119.49E  LV 316A  FE 317C  KI 326C  DS 324B
2380=RA 12 0420 15380 UKR  RL  P3  250     0    0    0   2.59N  99.87E  FE 311C  AN 289A
2381=RA 13 1940 15380 UKR  RL  P3  250 16882  692   55  52.17N 145.27E  KI 327C  FE 311C  DS 322C
2382=RA 14 0419 15380 UKR  RL  P3  250  3907  133   73  60.95N 172.24E  FE 314C  AN 286C  DS 325C
2383=RA 14 1518 15380 UKR  RL  P3  250  8131  641   42  43.14N 128.55E  LV 315C  DS 322C  AN 288C
2384=RD 24 1931 17760 ARM  RL  L3  100     0    0    0  50.68N  24.09E  KR  87B  IT 104B
2385=RD 13 1717 15340 AZ   RL  L4  100     0    0    0  36.84S 102.45E  LR  14D  BE  43A
2386=RD 14 1731 15340 AZ   RL  L4  100     0    0    0   0.00N   0.00E  n2 145C  n1 120C  bd  90B  bk  80A
2387=RD  8 0205 11875 GEOR RL  L6  100     0    0    0  43.64N  49.60E  KR  88B  N0 100A
2388=RD 12 1641 15340 GEOR RL  L4  100     0    0    0  21.13N  68.20E  VB  35C  AL  26C
2389=RD 15 1850 15340 GEOR RL  L4  100     0    0    0  70.56N  75.97E  GI  2D  AN 340D
2390=RD 21 1835 17760 GEOR RL  L3  100     0    0    0  33.86S 128.81E  KR  90D  IT  90D
2391=RD 12 1817 21455 GEOR RL  L6  100     0    0    0  34.15N  50.08E  VB  40C  GI  26B
2392=RD 13 1846 21455 GEOR RL  L6  100     0    0    0  47.78N  39.38E  GI  27C  PS  34C
2393=RD 19 0931 17725 RUSS RL  G10  50     0    0    0  59.25N  12.45E  RO   0C  N0  80B
2394=RP 21 0816 17875 DARI DW              174   60  122  48.55N  38.08E  MU  77D  IT  95C  KO  77B  EN 123B
2395=RP 15 1331 15370 KAZA RL  HB  250     0    0    0  44.74N  48.04E  N2 130C  N0 100B
2396=RP 21 1101 17750 KAZA RL  HC  250     0    0    0   0.00N   0.00E  en 120C  vb  24C  ss  40C
2397=RP 20 1141 17750 KIRG RL  HC  250     0    0    0  60.82N  15.75W  GI  38D  BE  43C
2398=RP 18 0231  9705 DARI VOA             0    0    0  52.94N   7.27E  BD  75C  BK   0
2399=RP 21 1231 17750 UZBE RL  HC  250     0    0    0  51.73N  12.45E  RO   0C  BK  77B
2400=RQ  4 1335 11875 PASH RFE L5  100     0    0    0   0.00N   0.00E  kr  70B  ko  70C  n0 102B  n1 145B
2401=RQ 12 0528  7155 RUSS RL  L6  100   314   44   96  53.31N  32.45E  KR  75B  IT  81B  KO  60C  BD  74B  LR  14C  CA  42C
                                                                        VB  39B  BE  46B
2402=RQ 14 0331  7210 RUSS DW              0    0    0  56.00N  31.85E  N0  90C  BL  65C
2403=RQ 16 0302  7210 RUSS DW              0    0    0   0.00N   0.00E  kr  74B  ko  62B  it  75C  bk   0
2404=RQ 13 2231  7295 RUSS RL  L3  100     0    0    0  39.92N  67.60E  N0  88B  BD  77B
2405=RQ 22 1424  9520 RUSS RL  L1  100     0    0    0  51.23N  38.28E  IT  87C  BL  85D
2406=RQ  8 0240 11725 RUSS RL  G4  250     0    0    0  53.24N  22.39E  AN   5C  FE  21C
2407=RQ  5 0920 11770 RUSS RL  B6  100   195   54   71  54.07N  24.13E  IT  83C  KO  50B  MU  50D
2408=RQ  6 0218 11855 RUSS RL  G10  50     0    0    0  52.99N  22.57E  PS  37B  FE  21C
2409=RQ  4 0831 11875 RUSS RL  L5  100   189   30   72  54.02N  26.70E  n0 160C  n2 140C  bd  99B  bk   0D  BE  39C  LR  40C
                                                                        KO  54A  BL  60D  IT  85D  KR  70B
2410=RQ  4 1512 11875 RUSS RL  L5  100     0    0    0   0.00N   0.00E  bk  93A  bk   0  it  83B  ko  55C
2411=RQ 16 0701 15290 RUSS RL  G15 250     0    0    0  49.71N  56.25E  N1 105B  N0  85C
2412=RQ 23 2118 17885 RUSS RL  G18  10  1649   51   99  58.38N  16.14E  KI  31B  GI  29C  N0  90B
2413=RQ 23 1737 17885 RUSS RL  G18  10   230   72  146  52.58N  28.78E  N2 150C  N1 145C  N0 105C  DS  25B  LV  21C  AN   1D
                                                                        CA  45C  BE  47B
2414=RQ 12 1001 21735 RUSS RL  G18  10     0    0    0   0.00N   0.00E  n2 158B  n1 142B  n0 105B
2415=RQ 21 2131  9565 UKR  RL  P4  250     0    0    0  57.53N  30.35E  N2 145B  N0  85C
2416=RS 11 0531 15370 RUSS RL  HB  250     0    0    0  52.41N  12.45E  RO   0C  BD  82B
2417=RS 24 1831 17865 RUSS RL  G8  250     0    0    0   0.00N   0.00E  bd  67B  it  70D  ko  50B
2418=RT 21 0140  9505 LAT  RFE G3A 250     0    0    0   0.00N   0.00E  vb  34B  lr  41B  be  36B
2419=RT 13 1840 15130 LAT  RFE G15 250  3194  260  117  62.41N   9.00E  VB  30C  PS  35C  LR  31D  KI  33C  GI  29B  AL  34A
2420=RT 13 1912 15130 LITH RFE G15 250  2484  428  136  51.97N  35.44E  VB  32C  PS  36B  LR  36C  GI  24C  BE  42B  AL  32B
                                                                        FE  15C
2421=RT 22 1631  9715 RUSS DW              0    0    0  41.23N  63.63E  N3 125B  N0  90B
2422=RT 12 0431 15355 RUSS RL  G2B 250  1228  298  145  21.12S  93.48E  N1 105C  n0  80B  n2 145B  LR  42C  VB  38B  GI 330C
2423=RT 15 0440 15355 RUSS RL  G2B 250  6747  798  153  23.90N  62.33E  GI  21C  VB  40C  BE  41C  AL  29B  PS  36C
2424=RT 17 0244 15355 RUSS RL  G2B 250  4994  824  163  45.21N  48.36E  LV   4C  KI  20C  GI  29C  FE   9C  DS  11C
2425=RT 17 0314 15355 RUSS RL  G2B 250     0    0    0  53.72N  29.18E  LR  38C  GI  29C
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2426=RT 11 0531 15370 RUSS RL   HB  250     0    0    0  51.46N  35.92E  N1 130C  N0 100B
2427=RT 14 0632 15370 RUSS RL   HB  250  2045  385  159  28.24N  55.89E  N3 140B  BE  43B  VB  39B  PS  37B  LR  45C  CA  46C
2428=RT 16 0611 15370 RUSS RL   HB  250     0    0    0  20.59N  66.30E  LR  37C  AL  28C
2429=S5  5 1901  6115 CZEC RFE  B3  100     0    0    0   0.00N   0.00E  it 130C  bl 130C  kr 103B
2430=S5  6 0431  6115 CZEC RFE  B3  100     0    0    0   0.00N   0.00E  n2 185C  n0 145C  bd  96B  bk   0
2431=S5  9 0501  6115 CZEC RFE  B3  100    38   19  115  50.88N  15.55E  BK  90A  IT 120C  kr 104A  BL 140B  MU  40C
2432=S5 10 0601  6115 CZEC RFE  B3  100    68   31   55  49.76N  13.06E  BD 100B  bk   0  kr  80C  KO  50B  MU  30D
2433=S5 15 0301  7245 CZEC RFE G12   50  3843   34  111  48.97N  18.75E  BD  97A  LR  42C  SS  45C  VB  39C  PS  48C
2434=S5 16 0501  7245 CZEC RFE  B7  100     0    0    0  49.77N  14.60E  BD  98A  LR  47C
2435=S5 18 0619  9725 CZEC RFE  B7  100  5405  761  121  44.66N  29.22E  SS  46C  VB  42B  LR  46C
2436=S5 18 0540  9725 CZEC RFE G11   50  4070  589  120  46.50N  21.90E  VB  41C  BE  53B  SS  46C
2437=S5 18 0710  9725 CZEC RFE  B7  100  4083  609  114  48.16N  16.76E  BE  55C  SS  46C  VB  41B
2438=S5 19 1231  9725 CZEC RFE  B7  100     0    0    0   0.00N   0.00E  bd  98A  n1 173B  n0 145A
2439=S5 19 0631  9725 CZEC RFE  B7  100     0    0    0   0.00N   0.00E  bd 100B  n0 146B  n0   0
2440=S5 20 1002  9725 CZEC RFE  B7  100     0    0    0   0.00N   0.00E  bk 102B  ss  35C  lr  51C
2441=S5 21 0931  9725 CZEC RFE  B7  100     0    0    0  47.72N  25.37E  N0 125C  BK  99A
2442=S5 22 0801  9725 CZEC RFE  B7  100   115   47  139  48.54N  19.63E  N1 165B  N0 135B  BD  98B  bk   0
2443=S5  9 0631 11855 CZEC RFE G3B  250   140   24  114  49.22N  17.54E  BK 102A  bl 125B  KR 103B  IT 130B
2444=S5 21 0731 17835 CZEC RFE G11   50     0    0    0   0.00N   0.00E  ro  40C  bd  95B  bk  95B
2445=S5 23 1831 17835 CZEC RFE G11   50     0    0    0   0.00N   0.00E  n1  75C  n2  80B  n3  95B
2446=S7  9 1316 11875 RUSS RL   L5  100     0    0    0  50.15N  16.85E  KO  61B  KR  97B
2447=SB 11 0112 15445 RUSS RL  G14  250     0    0    0  49.60N  53.17E  GI  18D  AN 344B
2448=SE 18 1444 17895 RUSS RL   P1  250     0    0    0  40.39N  67.04E  N1 103B  N0  88C
2449=SF  5 1231 11885 RUSS RL   L7  100     0    0    0  59.68N  32.11E  N0  75B  N3 160B
2450=SF  7 1231 11885 RUSS RL   L7  100     0    0    0   0.00N   0.00E  n2 140C  bl  50B  it  50C
2451=SF  7 0801 11885 RUSS RL   L7  100     0    0    0   0.00N   0.00E  n0  77B  it  50C  kr  55C
2452=SF 10 1601 11885 UKR  RL   P5  250     0    0    0   0.00N   0.00E  n1 120B  n0  75B  bd  60C
2453=SG 18 1901  9520 RUSS RL   L1  100     0    0    0   0.00N   0.00E  n2 128B  n1 111B  n0  87B
2454=SG 24 1601 17885 RUSS RL  G18   10     0    0    0   0.00N   0.00E  bd  75B  n1 100B  n2 115C
2455=SK 21 0940  9530 ???? ???????????     0    0    0  32.36N 121.24E  AN 286C  GI 327D
2456=SK 19 0818  9520 RUSS RL   L1  100  4133  462   50  51.10N 140.48E  VB 336C  KI 323C  LV 318C  VB 340C  KI 323C  FE 312B
                                                                         DS 327C
2457=SK 19 1243  9520 RUSS RL   L1  100  2691   84   96  62.74N 165.40W  FE 317C  AN 289C  DS 328C
2458=SK 20 1140  9520 RUSS RL   L1  100 11375  543   45  48.86N 135.31E  DS 324C  AN 287C  GI 337D
2459=SK 20 1810  9520 RUSS RL   L1  100  3954  274   58  56.17N 153.90E  FE 310C  AN 286C  LV 319C
2460=SK 20 0812  9520 RUSS RL   L1  100     0    0    0  59.36N 166.75W  KI 325C  DS 324C
2461=SK 21 1540  9520 RUSS RL   L1  100  8967  636   53  49.53N 141.98E  LV 315C  KI 326B  FE 310C
2462=SK 21 1944  9520 RUSS RL   L1  100     0    0    0  51.16N 146.64E  LV 315C  AN 283C
2463=SK 21 1040  9520 RUSS RL   L1  100  1366   86   98  63.20N 166.01W  VB 334C  LV 312C  GI 328C  FE 327D  AN 293C  LR 328D
2464=SK 22 1110  9520 RUSS RL   L1  100     0    0    0  49.89N 134.57E  DS 324C  AN 290B
2465=SK 23 1340  9520 RUSS RL   L1  100  1825  416   45  46.58N 124.71E  FE 316C  LV 318C  HL 313C  DS 327C  AN 294B
2466=SK 23 0940  9520 RUSS RL   L1  100  8812  705   52  44.03N 136.33E  LV 313B  an 324C  KI 318C  DS 319C  GI 331D
2467=SK 22 2140  9520 RUSS RL   L1  100  7410  591   42  41.92N 131.05E  LV 314C  FE 311C  DS 312D  AN 285C
2468=SK 24 0911  9520 RUSS RL   L1  100  3329  137   75  61.81N 171.20E  LV 314D  KI 326C  GI 319D  DS 327B  AN 290C
2469=SK 21 0612 17760 RUSS RL   L3  100     0    0    0  46.21N 134.44E  LV 315C  HL 312D
2470=SK 24 0419 17760 RUSS RL   L3  100     0    0    0  43.31N 129.20E  LV 315D  FE 312C
2471=SK 20 0826 17770 RUSS RL  G1A  250     0    0    0  58.56N 162.45E  DS 324C  AN 285C
2472=SK 20 0517  9625 UKR  RL   P4  250     0    0    0  49.56N 136.94E  AN 288C  HL 316D
2473=SL 20 0201  9540 PASH VOA              0    0    0  55.50N  43.18E  N0  83B  N2 125B
2474=SM  6 2036 11705 RUS  IBA              0    0    0   0.00N   0.00E  bk  72B  ss  45C
2475=SM  8 1840 11705 RUS  IBA              0    0    0   0.00N   0.00E  ss  41C  be  44C  bk   0
2476=SU 11 1140 11340 ???? ???????????     0    0    0  50.10N  21.63E  MU  70D  KR  92A
2477=SU 12 0940 15330 ???? ???????????     0    0    0  45.34N  32.09E  BL 113B  KO  90B
2478=SU 11 1545 21625 ???? ???????????     0    0    0  40.07N  42.46E  AL  37C  VB  40B
2479=SU  8 0631 11940 IRAN IRN              0    0    0  45.07N  30.18E  RO  70C  N0 122C
2480=SU  5 0041  6135 RUSS RL   B3  100     0    0    0  45.29N  33.67E  VB  40D  LR  43C
2481=SU  9 0001  6135 RUSS RL   B3  100     0    0    0  57.13N  26.17E  N0  90B  N2 155C
2482=SU 14 2147  7295 RUSS RL   L3  100     0    0    0  58.38N    .73E  SS  33C  LR  41D
2483=SU 18 2331  9555 RUSS RL   G8  250     0    0    0  48.25N  42.40E  N2 135B  N0 100B
2484=SU 24 0101  9645 RUSS RL   B8  100     0    0    0  48.15N  29.41E  BD  90C  BK  93B
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2485=SU 18 0310  9650 RUSS DW                0    0    0  47.19S 172.73W  KO  70B  BK   0
2486=SU 19 0310  9650 RUSS DW                0    0    0   0.00N   0.00E  kr 100D  ko  90B  bk   0
2487=SU 22 0317  9660 RUSS RL  HC  250       0    0    0  53.84N   7.27E  BK   0   BD  64B
2488=SU 24 2331  9680 RUSS RL  HA  250       0    0    0  38.33S 172.73W  RO  50C  BK   0
2489=SU 24 2301  9705 RUSS RL  G2A 250       0    0    0   0.00N   0.00E  bk   0   ro   0C  n1 141B  n3 172C  n2 148B  n0 116B
2490=SU  8 2301 11725 RUSS RL  P5  250     178   27  112  46.11N  33.68E  N0 116C  bk   0   PS  38C  VB  40C  LR  41C  MU  90B
                                                                          1T 105B  KR  97A  BL 105C  KO  86A
2491=SU 10 0141 11725 RUSS RL  P5  250    6932  599  109  60.89N    .97W  AL  38C  PS  35C  GI  35D
2492=SU  6 0401 11770 RUSS RL  HB  250       0    0    0   0.00N   0.00E  bk   0   ko  86B  kr  70C
2493=SU  4 0131 11825 RUSS RL  G3B 250     383  138  144  50.93N  40.73E  N3 150C  N0  95C  BE  47C  LR  43B  PS  44C  VB  35C
2494=SU  5 0116 11825 RUSS RL  G3B 250    8207  449   92  57.82N  13.26W  VB  37C  PS  40C  LR  43C
2495=SU  8 0012 11825 RUSS RL  G3B 250       0    0    0  25.45S  91.52E  LR  39B  BE  46B
2496=SU  8 2101 11875 RUSS RL  L6  100       0    0    0  58.95N  12.45E  RO   0C  LR  38C
2497=SU 10 1305 11885 RUSS RL  L7  100       0    0    0  90.00N  90.00W  BK   0   RO   0C
2498=SU  5 1505 11915 RUSS DW                361   77  113  47.16N  29.52E  MU  88C  IT 110C  bd  52B  BE  46C
2499=SU  7 0343 11915 RUSS RL  P1  250       0    0    0  45.76N  19.02E  DS  33B  AN   8C
2500=SU  8 1631 11915 RUSS DW                0    0    0  48.32N  11.97E  MU  65C  KO  70C
2501=SU  9 0202 11915 RUSS RL  P1  250     475   30  179  55.02N   7.27E  BK   0   PS  40C  LR  38D  AL  40C  gi 327D  CA  50C
                                                                          BE  48C  BK   0
2502=SU 10 0322 11915 RUSS RL  P1  250     707   61  180  59.16N   7.26E  GI  39D  PS  35C  LR  38C  BK   0
2503=SU 10 1744 11915 RUSS DW                0    0    0  22.05N  63.01E  VB  39B  LR  39C
2504=SU  8 0601 11935 RUSS RL  HA  250       0    0    0  52.46N  12.45E  RO   0C  BK  65A
2505=SU 10 0631 11935 RUSS RL  HA  250       0    0    0   0.00N   0.00E  ro   0C  n2 155B
2506=SU 10 0041 11970 RUSS RL  P6  250    8639  759  144  44.21N  42.57E  PS  38D  LR  38C  GI  26C  AL  35B
2507=SU  9 2216 11970 RUSS RL  P6  250       0    0    0  58.17N  11.85E  GI  33D  LR  39C
2508=SU 17 2217 15170 RUSS RL  G18  10    3470  404  134  50.27N  24.32E  KI  32C  FE  21C  AL  40A
2509=SU 12 0718 15340 RUSS RL  L4  100     195   44  112  47.24N  27.35E  MU  90D  KR 100C  IT 113B  KO  85B
2510=SU 14 0901 15340 RUSS RL  L4  100       0    0    0  42.06N  46.75E  KR  93C  KO  88B
2511=SU 12 0431 15355 RUSS RL  G2B 250       0    0    0   0.00N   0.00E  n2 145B  n1 105C  n0  80B
2512=SU 11 1746 15370 RUSS RL  HB  250       0    0    0  52.42N   7.27E  SS  40C  BK   0
2513=SU 12 0801 15370 RUSS RL  HB  250       0    0    0  90.00N  90.00W  RO   0C  BK   0
2514=SU 15 1920 15370 RUSS RL  HB  250       0    0    0  53.96N  25.38E  FE  19C  AN   3D
2515=SU 15 0931 15380 RUSS RL  P3+ 500       0    0    0  58.58N   7.27E  N0 105B  BK   0
2516=SU 11 0440 15445 RUSS RL  P2  250    3632  956  126  47.78N  32.02E  SS  42C  GI  31C  VB  39C
2517=SU 12 0031 15445 RUSS RL  G14 250     228   38  116  46.90N  30.99E  ro   0C  KR  96B  IT 108B  BL 110B  KO  85B
2518=SU 13 0501 15445 RUSS RL  P2  250       0    0    0   0.00N   0.00E  ro 180C  bd  93A
2519=SU 17 0131 15445 RUSS RL  G14 250       0    0    0  90.00N  90.00W  RO   0C  BK   0
2520=SU 19 0603 17725 RUSS RL  G10  50       0    0    0  59.17N   7.27E  BK   0   N0  66C
2521=SU 18 0631 17735 RUSS RL  G2B 250     152   47   99  49.75N  18.20E  ro   0C  BK  95B  VB  40C  bl  90D  IT 130D  KO  70C
2522=SU 24 1911 17750 RUSS RL  HC  250    1533  840  156  57.63N  30.38E  SS  32C  GI  12D  DS  31C  AN 358C
2523=SU 24 0631 17750 RUSS RL  HC  250     506  256  142  39.20S 173.20W  RO  60C  N0   0   BK   0
2524=SU 19 1508 17760 RUSS RL  L3  100       0    0    0  51.17N  15.62E  BK  86B  PS  41B
2525=SU 22 0531 17760 RUSS RL  L3  100     134   21  121  47.98N  26.17E  bk   0   BL 114A  IT 113A  KR  96B  KO  83B
2526=SU 22 1231 17760 RUSS RL  L3  100       0    0    0  50.23N  20.20E  RO  30C  BK  91B
2527=SU 22 1501 17795 RUSS DW                0    0    0  51.40N   7.27E  BK   0   KR  93B
2528=SU 18 1946 17865 RUSS RL  G8  250       0    0    0  60.30N  31.72E  LV  13C  AN 359B
2529=SU 18 2220 17895 RUSS RL  G2B 250    1072  525  140  51.45N  28.36E  SS  39C  KI  27C  VB  39B  GI  24C  BE  47C  AN   2B
2530=SU 21 2118 17895 RUSS RL  G8  250       0    0    0  51.48N  21.54E  DS  28B  KI  33C
2531=SU 14 0731 21455 RUSS RL  G2B 250       0    0    0  90.00N  90.00W  RO   0C  BK   0
2532=SU 14 1340 21500 RUSS RL  G1A 250    9038  840  129  46.31N  28.76E  VB  40C  LR  46C  AL  40C
2533=SU 13 1001 21745 RUSS RL  G9   50     420   55  180  57.53N   7.27E  BK   0   LR  43C  BE  45B  PS  36C
2534=SU 13 1640 21510 TB   RL  HD  250       0    0    0  59.08N  82.90W  KI  14C  GI  23C
2535=SU  4 2239 11885 UKR  RL  P5  250       0    0    0  57.16N  32.51W  VB  35C  LR  43C
2536=SU 11 0408 15380 UKR  RL  P3  250       0    0    0  49.29N  23.20E  IT 113B  KO  75C
2537=SU 11 0509 15380 UKR  RL  P3  250       0    0    0   0.00N   0.00E  bk   0   lr  43C  vb  45C
2538=SU 16 2216 15380 UKR  RL  P3  250       0    0    0  41.48N  42.36E  VB  39C  LV  12C
2539=SU 20 1331 17735 UKR  RL  G3  250       0    0    0   0.00N   0.00E  bd  54C  bk   0   mu  96C
2540=SU 22 1201 17735 UKR  RL  G3  250    8669  234    0  90.00N  90.00W  RO   0C  BK   0   kr  92A  bl 100D  it 113B  BK   0
2541=TO 10 2323 11825 CZEC RFE G3B 250       0    0    0  11.08N  62.57E  GI  23D  BE  51B
2542=TF  7 0331 11970 BULG RFE G14 250       0    0    0  43.15N  27.33E  N0 130B  N3 175C
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2543=TF 24 0301  9520 DARI RFE L1  100    0    0    0 56.08N  31.49E  N0  90B  BD  65B
2544=TF 12 0301 15370 DARI RFE B7  100    0    0    0  0.00N   0.00E  n0  95B  n2 120B  n1 105C
2545=TF 14 0310 15370 DARI RFE B7  100    0    0    0  0.00N   0.00E  ds  15B  fe   4D  lv  15C
2546=TF 21 1401 17750 KAZA RL  HC  250  369   61    0 61.55N   7.97E  RO   0C  BK   0  KI  22C  GI  33D  BE  44B  AL  31C
2547=TF 12 0331 15275 PASH DW          199   50  112 54.35N  45.55E  N1 110B  N0  85B  IT  74A  AN 356C  SS  42C
2548=TF  5 0040  6135 RUSS RL  B3  100  666   31  179 53.66N   7.27E  BK   0  VB  44C  SS  38C  LR  43C
2549=TF  9 0001  6135 RUSS RL  B3  100  194   62   97 53.93N  39.45E  RO  50C  N0  90B  bd  62B  bk   0  KI  40C  VB  32C
                                                                      LR  38D  kr  80B  IT  78C  MU  60B  ko  50B
2550=TF 11 0109  7145 RUSS RL  B1  100 1006   56  179 57.64N   7.27E  BK   0  AL  36D  SS  36C
2551=TF 13 0101  7145 RUSS RL  B1  100    0    0    0  0.00N   0.00E  ro   0C  bk   0  bd  61B
2552=TF 14 0531  7220 RUSS RL  L2  100    0    0    0  0.00N   0.00E  bk  37B  kr  67B  bl  61B
2553=TF 17 0531  7220 RUSS RL  L2  100    0    0    0  0.00N   0.00E  ro   0C  kr  65B  ko  60B  it  76D  bl  60B
2554=TF 23 0931  9520 RUSS RL  L1  100    0    0    0  0.00N   0.00E  ro   0C  bd  64B  ko  63C  bl  65C
2555=TF 23 2240  9565 UKR  RL  P4  250    0    0    0  0.00N   0.00E  ca 289C  be 291C  al 278C
2556=TF 10 1601 11885 UKR  RL  P5  250    0    0    0 59.78N  30.44E  N1 120B  N0  75B
2557=TF 11 0141 15105 PASH VOA         0    0    0 12.57S  77.76E  AL  30B  PS  41C
2558=TF 15 0210 15105 PASH VOA        1210  270   36 65.56N  34.33E  HL 353D  FE  2D  DS  19C  LV  10D  an 320C  RO  20C
2559=TF 11 1511 15435 PASH VOA         951   52    0 65.61N   7.27E  AL  31C  ki  46C  BK   0  BK   0
2560=TF 15 1501 15435 PASH VOA         791   68   78 56.18N  19.31E  BD  62B  LV  19C  FE  22B  an 354B
2561=TF 16 1431 15435 PASH VOA           0    0    0  0.00N   0.00E  bd   0  an 354B  al  28A
2562=TF 21 0231 17830 DARI VOA           0    0    0 71.69N   7.27E  BK   0  BE  26C
2563=TF 23 1440 17875 PASH VOA           0    0    0 25.36N  52.49E  N0 115C  N3 145C
2564=TF 18 1241 17750 UZBE RL  HC  250 1987  842  155 51.54N  34.49E  VB  27C  KI  32C  DS  30C  AN 354C
2565=TK  9 1849 11700 ???? ????????????  0    0    0 47.07N 131.97E  HL 313C  AN 289B
2566=TK  8 2110 11865 ???? ????????????  0    0    0  0.00N   0.00E  hl 319C  fe 316B  an 285C
2567=TK  5 2040 11705 RUS  IBA         1464  448   55 50.19N 135.73E  LV 317B  HL 317C  AN 290C
2568=TK  6 1610 11705 RUS  IBA         2485  259   56 56.94N 148.09E  AL 332B  AN 290C  LV 320C  FE 317B  DS 323B
2569=TK  8 1840 11705 RUS  IBA         1492  427   58 51.63N 137.20E  LV 317B  KI 330C  HL 319C  FE 316B  DS 323B
2570=TK 15 1840 15200 RUS  IBA         1351  368   53 48.53N 137.97E  LV 315B  HL 315C  FE 312B  DS 321C  AN 286C
2571=TK 11 2217 15340 RUSS RL  L4  100    0    0    0  0.00N   0.00E  hl 320D  gi 340D  an 288A
2572=TK 11 1717 15405 RUSS DW          1397  492   75 47.83N 137.86E  HL 314B  DS 321B  LV 315B
2573=TK 15 1710 15405 RUSS DW          1073  343   54 48.78N 133.24E  LV 316D  HL 315B  FE 314A
2574=TK 11 0310 15445 RUSS RL  P2  250    0    0    0 38.91S  70.57E  FE 312C  AN 293B
2575=TK 13 0210 15445 RUSS RL  G14 250 1152  485   60 46.24N 133.11E  HL 312B  FE 313C  AN 287C
2576=TK 19 0716 17610 RUSS RL  L6  100 2009  286   49 50.72N 138.71E  KI 325D  LV 320C  FE 314B  HL 317D  AN 288B  DS 320B
2577=TK 19 0644 17750 RUSS RL  HC  250 5163  407   48 49.75N 136.23E  KI 328C  LV 316B  DS 326C  AN 288C  FE 316C
2578=TK 21 0640 17750 RUSS RL  HC  250 2163  561   57 50.04N 141.43E  LV 312C  HL 318D  FE 312B
2579=TK 21 0741 17760 RUSS RL  L3  100    0    0    0 32.36N 121.24E  GI 327C  AN 286C
2580=TK 18 2210 17895 RUSS RL  G2B 250  976  195   46 47.99N 133.21E  HL 314B  FE 313B  DS 324B  AN 289A
2581=TK 17 2240 15380 UKR  RL  P3  250 1249  283   51 49.99N 139.27E  HL 317C  AN 288B  DS 322C  ki  36C  FE 309B  LV 316B
2582=TU 11 1701 21455 AZ   RL  L6  100    0    0    0  0.00N   0.00E  bd  70B  bk   0  vb  19C
2583=TU 15 0835 21650 DARI DW          148   27   97 50.98N  28.03E  MU  68B  IT  98B  bl  98A  KO  70B  KR  83A
2584=TU 15 1831 15340 GEOR RL  L4  100    0    0    0 53.27N  36.03E  N2 140C  N0  95B
2585=TU 17 1831 21455 GEOR RL  L6  100  314  105  137 54.23N  38.17E  N2 135C  N0  90C  SS  42C  al  11A  PS  36C
2586=TU  9 1801 11970 LAT  RFE P6  250    0    0    0  0.00N   0.00E  bd  62B  bk  64B  bk   0
2587=TU 21 0010  9555 RUSS RL  G8  250    0    0    0 54.94N  24.64E  BL  66C  KR  65B
2588=TU  7 2301 11885 RUSS RL  G13 250    0    0    0 23.74S 172.73W  RO  15C  BK   0
2589=TU 14 1631 15405 RUSS DW            0    0    0 57.07N  33.13E  N2 140C  N0  85B
2590=TU 15 1701 15405 RUSS DW            0    0    0 60.86N  26.17E  N1 125B  N0  70C
2591=TU 19 0131  9660 TAJI RL  HC  250    0    0    0 55.32N  34.64E  N0  90C  BD  67B
2592=TU 24 1935 17895 UKR  RL  P4  250  369   59   99 51.77N  38.50E  MU  68B  KR  77C  IT  85B  ko  72B
2593=U7  4 0631  6115 CZEC RFE B3  100    0    0    0 50.13N  16.34E  BD  94  N0 140C
2594=U7  6 2004  6115 CZEC RFE B3  100  172   60  121 47.09S 172.41W  BK   0  KO  55C  MU  75B  kr 101B  it 132A
2595=U7  7 2031  6115 CZEC RFE B3  100    0    0    0 51.21N   8.05E  BD  96B  BK  77A
2596=U7  8 0601  6115 CZEC RFE B3  100  105   44  119 47.83N  20.05E  BL 135B  MU  90C  KO  85C
2597=U7 10 0601  6115 CZEC RFE B3  100    0    0    0  0.00N   0.00E  n3 195C  n2 185C  it 140B
2598=U7 19 0631  9725 CZEC RFE B7  100    0    0    0  0.00N   0.00E  ro  60C  n0 138B  bk  94A
2599=U7  9 0310  5955 EST  RFE HD  250  761   52   82 52.24N  16.27E  BK  75B  LR  44C  PS  41D  BE  47B  CA  50C
2600=U7 19 1431  9595 IRAN IRN           81   34  110 49.12N  19.12E  RO  30C  BD  96A  N1 165C  n0 145C
2601=U7 14 1101 15370 KAZA RL  HB  250    4    3  170 51.36N   7.27E  BK   0  BK   0  KR  98A  it  96D  bl 138B  ko  60B
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2602=U7  4 1331 11875 PASH RFE L5  100    0    0    0 48.82N  16.14E  N2 180A BD 101B
2603=U7 12 0210  7145 RUSS RL  B1  100    0    0    0  0.00N   0.00E  ss  43C ps  48C vb  36C
2604=U7 13 0219  7145 RUSS RL  B1  100   99   59  113 50.69N  12.46E  VB  41C PS  33C LR  45C SS  39C KI  38C RO   0C
                                                                      BD  95B
2605=U7 13 0101  7145 RUSS RL  B1  100   99   58  116 50.40N  12.45E  RO   0C BD  97B VB  39C SS  38C PS  40C LR  46C
2606=U7  8 0344 11770 RUSS RL  HB  250    0    0    0 43.77N  70.44W  PS  44D LR  44C
2607=U7  4 0701 11855 RUSS RL  HA  250    0    0    0 54.96N  15.97E  N0 120C N1 170B
2608=U7  6 0931 11875 RUSS RL  L5  100    0    0    0  0.00N   0.00E  n0 140B n1 156B kr 108B
2609=U7  6 0810 11875 RUSS RL  L5  100 3569   23  112 48.12N  22.42E  BK 101A BK 101A LR  48C SS  44C BE  49C
2610=U7  8 0905 11885 RUSS RL  L7  100    0    0    0 49.59N  17.76E  BL 135B KR 100C
2611=U7  6 0640 11935 RUSS RL  HA  250 2935  243  104 53.90N   5.49W  CA  51B BE  54B PS  40C VB  43B LR  44C GI  42C
2612=U7 10 0631 11935 RUSS RL  HA  250    0    0    0 52.88N  23.72E  N1 152A N2 164B
2613=U7  7 0149 11885 TB   RL  HA  250    0    0    0 58.50N  24.19W  AL  45B VB  35C
2614=U7 11 1518 15370 UZBE RL  HB  250 7476  531  134 30.56N  50.29E  VB  43C BD 100C SS  52C VB  45C
2615=U7 23 2118  9595 roma RFE G1  250 7938  678  139 38.40N  38.65E  BE  50B AL  39C GI  32C CA  49C
2616=UA 17 1950 15340 ARM  RL  L4  100  169   37   67 54.64N  21.12E  IT  80C BL  62B KO  43B
2617=UA 12 1401 15290 DARI RFE G15 250  339   63   80 55.19N  16.02E  BD  65B VB  37B BE  46A AL  39A
2618=UA 20 1631  9505 EST  RFE HA  250    0    0    0 90.00N  90.00W  RO   0C BK   0
2619=UA 20 1031 17750 KAZA RL  HC  250  272   41   81 54.53N  21.15E  bk   0 KR  65C BL  64C IT  80B
2620=UA 12 0401  7225 RUS  IBA          0    0    0 45.62N  51.85E  N1 115C N0  95C
2621=UA  8 0131  5985 RUSS RL  B9  100    0    0    0 55.51N  18.88E  BD  65C BK  53B
2622=UA  9 0301  6060 RUSS DW          176   59  140 46.51S 172.65W  ro   0 bd  68B BK   0 KO  47B MU  50C it  77C
                                                                      kr  75C BL  60C BK   0
2623=UA  4 0901  6105 RUSS RL  L9  20    0    0    0 53.50N   7.27E  BD  68B BK  0D
2624=UA  4 1301  6105 RUSS RL  L9  20    0    0    0  0.00N   0.00E  n0 110A bd  72B bk   0
2625=UA  5 1101  6105 RUSS RL  L9  20   35   25  141 55.11N  19.78E  N2 172A N1 157B bk   0 N0 109A BD  67D BL  55D
                                                                      KR  65B KO  30C
2626=UA  5 0831  6105 RUSS RL  L9  20   73   47  118 55.12N  21.11E  N0 108B N2 168B BD  67B bk   0
2627=UA  5 1701  6105 RUSS RL  L9  20 16917  448  137 32.92S 144.60E  BD  67A bk   0 IT  77B bl  62B ko  35B MU  80D
2628=UA  5 1601  6105 RUSS RL  L9  20  226   26   82 55.22N  23.89E  BD  67A bk   0 n0 165C KR  65B IT  77B BL  62B
                                                                      mu  83D
2629=UA  5 1001  6105 RUSS RL  L9  20   82   47  139 54.86N  21.49E  N0 107B N1 155C N2 168B BD  70C bk   0
2630=UA  6 1301  6105 RUSS RL  L9  20    0    0    0  0.00N   0.00E  bd  60C bk   0 it  78A kr  66B mu  29D
2631=UA  6 1631  6105 RUSS RL  L9  20    0    0    0  0.00N   0.00E  bd  66B mu  50D bk   0
2632=UA  7 1401  6105 RUSS RL  L9  20    0    0    0  0.00N   0.00E  n2 130B n0  90C bd  68B bk   0
2633=UA  7 1131  6105 RUSS RL  L9  20    0    0    0  0.00N   0.00E  bd  60C bk   0 n2 152B
2634=UA  8 0931  6105 RUSS RL  L9  20  156   64  119 54.45N  38.77E  n0 105B N1 120b BD  70B bk   0 KR  68C IT  75C
2635=UA  8 1731  6105 RUSS RL  L9  20  239   39   66 58.18N  26.35E  BD  58C BK  50B bl  58B KO  38B IT  58B
2636=UA 10 1101  6105 RUSS RL  L9  20  102   25   85 54.87N  22.75E  N0 105B BD  68B KR  64A ko  35A IT  80B
2637=UA 10 0931  6105 RUSS RL  L9  20    0    0    0 55.02N  20.89E  N0 108B BD  68B
2638=UA 10 0831  6105 RUSS RL  L9  20   66   40  105 54.92N  20.34E  N0 110B BD  65C N2 170B IT  78B
2639=UA 10 1531  6105 RUSS RL  L9  20    0    0    0  0.00N   0.00E  n0 100B n3 150C bd  67B ko  40B it  78B bk   0
2640=UA  9 1731  6105 RUSS RL  L9  20    0    0    0  0.00N   0.00E  bd  64B bk   0 ko  38A bl  65D
2641=UA  7 2331  6155 RUSS RL  B2  100   95   27   57 54.10N  18.90E  bd  65B IT  85C KO  40A KR  65B
2642=UA 14 0331  7210 RUSS DW          0    0    0  0.00N   0.00E  bk  56B mu  55C ko  50C
2643=UA 13 0731  7220 RUSS RL  L2  100   0    0    0  0.00N   0.00E  n1 110C bd  67B bk   0 n0  80C ro   0C
2644=UA 14 0231  7220 RUSS RL  L2  100 411   66  108 55.34N  34.47E  N0  90B BD  67B VB  36C
2645=UA 15 1001  7220 RUSS RL  L2  100   0    0    0 53.84N   7.27E  BD  64B BK   0
2646=UA 16 1531  7220 RUSS RL  L2  100   0    0    0  0.00N   0.00E  n0  80B kr  50A it  80C bl  55B
2647=UA 17 1510  7255 RUSS DW          0    0    0 58.07N  42.83E  KO  50B BL  60A
2648=UA 16 0308  7285 RUSS DW          0    0    0 51.69N   7.27E  KR  62B BK   0
2649=UA 19 1031  9520 RUSS RL  L1  100   0    0    0  0.00N   0.00E  bd  67C n0  87B bk   0
2650=UA 19 0831  9520 RUSS RL  L1  100   0    0    0 53.59N   7.27E  BK   0 BD  67B
2651=UA 20 0701  9520 RUSS RL  L1  100   0    0    0  0.00N   0.00E  en 158C bk   0
2652=UA 24 1001  9520 RUSS RL  L1  100   0    0    0  0.00N   0.00E  n0   0 bd  70B
2653=UA 24 0401  9705 RUSS RL  G2A 250   0    0    0 58.16N  18.58E  N1 158A N0  90B
2654=UA  4 0210 11725 RUSS RL  G4  250   0    0    0 57.94N  28.15W  BE  47C VB  35B
2655=UA  6 1150 11875 RUSS RL  L5  100   0    0    0  0.00N   0.00E  ko  43A it  78A kr  67A
2656=UA  9 0401 11875 RUSS RL  L6  100 876  480   90 50.23N 171.40W  RO   0C BK   0 LV 306C
2657=UA  5 1031 11885 RUSS RL  L7  100   0    0    0 53.59N   7.27E  BD  67B BK   0
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2658=UA  6 1113 11885 RUSS RL  L7  100   964   80  121  49.13S 179.65E  ko  43B  IT  58B  IT  58B  KR  66A  BK  63B
2659=UA  6 0846 11885 RUSS RL  L7  100     0    0    0  54.75N  20.50E  KR  63B  IT  78C
2660=UA 16 2001 15340 RUSS RL  L4  100     0    0    0  52.34N  22.69E  RO  30C  AL  39C
2661=UA 24 0331  9625 UKR  RL  P4  250     0    0    0  55.35N  34.51E  N2 140C  N0  90C
2662=UB 20 1101 17610 KAZA RL  L6  100     0    0    0  57.15N  37.50E  EN  94B  VB  29C
2663=UD  4 2131 11935 BULG RFE G9   50    69    4  180  51.41N   7.27E  BD  95C  BK   0   SS  43C  PS  44C  LR  42C
2664=UD  7 0501 11855 CZEC RFE G3B 250     0    0    0  54.62N  16.71E  N3 195B  N0 120B
2665=UD 21 1438 17835 CZEC RFE G11  50     0    0    0  25.47N 103.33E  N2  83C  N0  70C
2666=UD 23 1611 17835 CZEC RFE G11  50  1645  500  128  50.45N  21.84E  AN   5C  LR  46C  BE  47B  CA  48C
2667=UD 23 1831 17835 CZEC RFE G11  50     4    3  115  51.38N   7.27E  BD  96B  BK   0   KR  96A  it 127A
2668=UD  4 0701 11855 RUSS RL  HA  250     0    0    0   0.00N   0.00E  bd 110B  lr  44C
2669=UD  4 1704 11875 RUSS RL  L5  100     0    0    0  56.02N  15.65W  VB  39C  LR  46D
2670=UD  6 1601 11905 RUSS DW              0    0    0  51.67N  12.45E  RO   0C  BK  78B
2671=UD  4 1901 11935 RUSS RL  P2  250    72   28  116  49.34N  22.57E  N2 170B  N1 155B  N0 128B  BO  93C  BK  94A  LR  47B
                                                                        BE  47C  AN   4C
2672=UD  5 1931 11935 RUSS RL  P2  250     0    0    0   0.00N   0.00E  n3 185B  bk   0   n2 170B
2673=UD 22 1901 17885 RUSS RL  G18  10     0    0    0  51.35N  12.45E  RO   0C  BD  90C
2674=UD 18 1202  9695 hung RFE B5  100    54   18  109  48.46N  21.06E  n1 153B  MU  83B  KR 102A  KO  80A  IT 123A  N0 127C
2675=UD 19 1301  9695 hung RFE B5  100    51   13  127  58.26N   7.27E  N0 123B  bd  94B  BK   0   BK   0
2676=UD 20 1231  9695 hung RFE B5  100     0    0    0   0.00N   0.00E  bd  94C  n0 115B  bk   0   en 161C
2677=UD 23 0631  9695 hung RFE G1A 250     0    0    0   0.00N   0.00E  ro  30C  bk  95B  bd  99A
2678=UD  7 1001 11895 hung RFE G1B 250   537   20    0  53.40N   7.27E  BK   0   LR  49C  CA  49C  BE  47C  BK   0
2679=UD  9 1616 11895 hung RFE G1B 250   535   14  179  52.13N   7.27E  BK   0   SS  43D  BE  52B
2680=UD 10 1131 11895 hung RFE G1B 250     0    0    0   0.00N   0.00E  n1 156B  n0 123B  bd   5C  bk   0
2681=UN  4 0931 11770 RUSS RL  B6  100   131   37   77  58.40N  31.75E  N0  80B  bl  60B  bl  60B  KO  42B  KO  43B  KR  55B
                                                                        KR  55B
2682=UR 18 2110  9670 ???? ????????????    0    0    0  54.67N  46.01E  MU  60C  IT  73B
2683=UR 10 1410 11700 ???? ????????????  5222  465  144  50.62N  46.20E  AL  29A  SS  41D  BE  35C
2684=UR  4 1940 11875 ARM  RL  L6  100     0    0    0  57.54N  36.54E  AN 356C  LR  32C
2685=UR  9 0101 11875 ARM  RL  L6  100   954   94   46  48.44N  21.15E  RO  40C  AN   6B  SS  44C
2686=UR  6 2001  6115 CZEC RFE B3  100     0    0    0   0.00N   0.00E  bd  60C  bk   0   ko  50B
2687=UR 11 2331  7245 CZEC RFE G12  50     0    0    0   0.00N   0.00E  ro   0C  n1 130C  n0 100B  bd  67B  it  65C  bl  60C
                                                                        ko  58A  mu  67C
2688=UR 14 2231  7245 CZEC RFE G12  50   196   79  130  46.91S 172.65W  BK   0   MU  68D  KO  56C  it 100C  BL  70D
2689=UR 23 2001  9505 EST  RFE HA  250     0    0    0   0.00N   0.00E  ro   0C  ko  55B  bl  65B
2690=UR 12 0231  7180 GEOR RL  L4  100     0    0    0  70.44N 167.55W  RO   0C  AN 330D
2691=UR  8 0201 11875 GEOR RL  L6  100     0    0    0  70.72N 167.55W  RO   0C  AN 331D
2692=UR 23 2306  9660 KAZA RL  HC  250  1198   25    1  54.24N   7.27E  BK   0   BK   0   SS  38C
2693=UR 24 2231  9660 KAZA RL  HC  250     0    0    0   0.00N   0.00E  n1 114B  n2 121B  n0  87B  bd  64B
2694=UR 23 1412 17750 KAZA RL  HC  250     0    0    0   0.00N   0.00E  bk   0   n2 127B
2695=UR 15 2331 15370 KIRG RL  B7  100     0    0    0  54.84N  12.45E  RO   0C  BD  64A
2696=UR  4 1431 11970 LAT  RFE HA  250  1153  201  102  54.66N  38.57E  BD  68C  LR  33B  BE  39C  AL  30C
2697=UR  4 0310 11905 PASH DW             537   36  131  46.47S 172.86W  BK   0D  kr  67A  it  70B  bl  75C  MU  60C  KO  50A
2698=UR  5 0320 11905 PASH DW             240   32   91  55.37N  35.19E  KR  65B  IT  74A  ko  49A  MU  55B  bk   0
2699=UR  6 0316 11905 PASH DW            2007  121  104  54.87N  53.29E  KR  64B  MU  60D  ko  50A  IT  70B  bl  75C
2700=UR  7 0316 11905 PASH DW             148   21   81  53.40N  24.60E  KO  52B  bl  72B  MU  55B  BK  71A  BK  71A
2701=UR  8 0340 11905 PASH DW               0    0    0  52.87N  20.48E  KR  75C  KO  50B
2702=UR  9 0340 11905 PASH DW            2201  443  174  66.55N  34.89E  FE   8B  AN 358B  DS  18C
2703=UR 10 0333 11905 PASH DW            1057  349  146  56.61N  36.88E  bk   0   VB  33C  DS  18B  BE  38C  AN 356B  AL  29A
2704=UR  9 1410 11705 RUS  IBA              0    0    0  67.34N   7.27E  BK   0   AL  29C
2705=UR  8 0101  6050 RUSS RL  B4  100   233   27   80  55.14N  27.82E  KR  65A  mu  60B  IT  75C  KO  50B  BL  70B
2706=UR  6 1931  6105 RUSS RL  L9   20     0    0    0   0.00N   0.00E  ro   0C  bl  65D
2707=UR  9 0001  6135 RUSS RL  B3  100     0    0    0  53.93N  27.73E  N2 155C  SS  37C
2708=UR  7 2101  6170 RUSS RL  L5  100  1629  127  106  54.26N  56.99E  bk   0   BD  62B  MU  60C  IT  70C  KR  65B  BL  70D
2709=UR 16 0231  7190 RUSS RL  G4B 250     0    0    0  54.02N   7.27E  BD  62B  BK   0
2710=UR 12 1731  7220 RUSS RL  L2  100     0    0    0  53.76N   7.27E  BD  65B  BK   0
2711=UR 12 1631  7220 RUSS RL  L2  100     0    0    0  55.63N  20.22E  BD  65B  IT  70C
2712=UR 15 0031  7220 RUSS RL  L2  100   930   97   99  54.45N  44.95E  BD  64B  KR  70C  KO  60C  IT  75C
2713=UR 14 1831  7220 RUSS RL  L2  100     0    0    0  53.76N   7.27E  BD  65B  BK   0
2714=UR 16 1531  7220 RUSS RL  L2  100     0    0    0  55.72N  26.06E  BD  66B  BL  62B
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2715=UR 12 1531  7255 RUSS DW                0    0    0  49.13N  12.45E  RO   0C  KO  55B
2716=UR 14 1640  7255 RUSS DW              396   39   73  57.12N  27.41E  KR  57B  ko  64B  IT  65B  mu  55B  BL  55B
2717=UR 15 1546  7255 RUSS DW                0    0    0  47.08S 172.09W  MU  67C  KO  56B
2718=UR 19 0001  9505 RUSS RL  G3A 250       0    0    0  29.22S 172.73W  RO  20C  BK   0
2719=UR 19 2331  9505 RUSS RL  G3A 250       0    0    0   0.00N   0.00E  ro 310C  n0   0
2720=UR 21 1531  9520 RUSS RL  L1  100       0    0    0  55.20N  61.96E  RO  50C  BL  65C
2721=UR 23 0931  9520 RUSS RL  L1  100       0    0    0   0.00N   0.00E  ro   0C  mu  60B  bl  60C
2722=UR 22 1731  9520 RUSS RL  L1  100       0    0    0   0.00N   0.00E  ro   0C  mu  60C  bl  60C
2723=UR 23 1631  9520 RUSS RL  L1  100     267   41   79  55.90N  30.65E  ro   0C  bk   0  mu  70D  KO  50B  IT  72B  BL  65B
2724=UR 23 2212  9520 RUSS RL  L1  100     835   86   86  43.38N 102.67W  ps  42C  LR 283C  CA 281C  BE 284C  AL 284D
2725=UR 24 0101  9645 RUSS RL  B8  100       0    0    0  50.37N  38.30E  N3 155C  N0 100C
2726=UR 18 0310  9650 RUSS DW                0    0    0  51.03S 172.73W  BK   0  BL  70B
2727=UR 22 0317  9660 RUSS RL  HC  250       0    0    0   0.00N   0.00E  bk   0  bk  61B  ro   0C
2728=UR 19 0310  9690 RUSS DW              189   52  124  46.89S 172.66W  MU  60B  kr  64C  KO  62B  BK   0
2729=UR 22 0301  9690 RUSS DW             3289  175  125  46.00N  89.76E  BK  59A  RO  60C  MU  63B  KR  65B  KO  60A  bk   0
2730=UR 18 1501  9715 RUSS DW                0    0    0  50.57N  16.15E  MU  50D  KO  55B
2731=UR 19 1505  9715 RUSS DW              178   55  120  47.04S 172.71W  MU  60D  KO  65B  it  75C  BK   0
2732=UR 20 1510  9715 RUSS DW                0    0    0  54.13N  30.05E  KR  70C  KO  56B
2733=UR 21 1520  9715 RUSS DW                0    0    0  52.56N  26.75E  MU  60D  KO  60B
2734=UR 22 1501  9715 RUSS DW                0    0    0  12.99S 148.58E  MU  60B  KO  58B
2735=UR 23 1501  9715 RUSS DW              144   66  153  54.91N  34.04E  RO  40C  n2 125C  N3 160C  N1 127B  n0  85C
2736=UR 19 2241  9750 RUSS RL  P2  250     2714 1031  162  36.68N  37.50E  LR  48C  FE  14C  AN 355C
2737=UR  6 1531 11825 RUSS RL  P2  250       0    0    0   0.00N   0.00E  ro   0C  bd  60C  ko  54B
2738=UR  8 1646 11825 RUSS RL  P2  250     6487  556  154  29.83N  62.09E  AL  28A  BE  40C  VB  35B
2739=UR  9 1531 11825 RUSS RL  P2  250       96   46  133  54.68N  40.97E  ro   0C  N1 117B  N3 144B  N2 133B  N0  85B  VB  30B
                                                                           SS  45C  AL  29B  BL  72B  bk   0
2740=UR  9 1701 11825 RUSS RL  P2  250      395   59  153  53.74N  41.44E  ro   0C  N3 145B  N1 117B  N2 133B  bd   0  AN 359C
                                                                           VB  29C  BE  36C  AL  28B
2741=UR 10 1647 11825 RUSS RL  P2  250     6365  747  148  37.05N  58.97E  VB  30C  SS  45D  BE  39B  AL  28B
2742=UR 10 1510 11825 RUSS RL  P2  250     5238  711  147  40.05N  58.29E  SS  45D  AL  29B  VB  27C  BE  36B  SS  45D
2743=UR 10 0631 11935 RUSS RL  HA  250       0    0    0  48.33N  42.12E  BD  81B  N3 150B
2744=UR 10 1231 11970 RUSS RL  HA  250       0    0    0  52.96N  42.33E  N2 130B  N0  90C
2745=UR 17 0501 15115 RUSS RL  G9   50     777  314   29  71.68N  49.38E  RO  20C  LV  12C  HL 350C  FE 354C  AN 353B
2746=UR 14 0310 15130 RUSS RL  P6  250       0    0    0  49.40N 122.46W  KI 326C  FE   8C
2747=UR 17 0440 15130 RUSS RL  P6  250       0    0    0   0.00N   0.00E  ki 326C  an 354C
2748=UR 16 1201 15380 RUSS RL  P3+ 500       0    0    0  51.00N  47.30E  N0  90B  N3 140B
2749=UR 12 1816 15405 RUSS DW              892   92   86  56.58N  42.88E  MU  55C  KR  62B  KO  53C
2750=UR 14 1618 15405 RUSS DW             1171  241  172  86.63N 172.73W  BK   0  BK   0  AN 357D
2751=UR 15 1616 15405 RUSS DW                0    0    0   0.00N   0.00E  mu  55C  kr  62B  ko  57B
2752=UR 16 1540 15405 RUSS DW             1412  100  100  56.29N  56.33E  KR  64C  IT  65B  BL  62B  KO  58B
2753=UR 20 2201  9660 TAJI RL  HC  250     148   71  127  56.28N  38.13E  RO  40C  BD  64B  bk   0  N1 117B  n2 123B
2754=UR 11 0140 15370 TAJI RL  B7  100       0    0    0  70.59N  38.99E  AN 356B  FE   7D
2755=UR 20 1431 17750 TAJI RL  HC  250     4419  326  122  46.72N  78.83E  BD  63B  bk   0  MU  67C  KO  65C  BL  65D
2756=UR 12 0111  7190 TB   RL  P3  250       0    0    0   0.00N   0.00E  ss  32C  lr  28C  bk   0
2757=UR 11 1231 15215 UKR  RL  G1  250      73   49  122  55.59N  39.10E  N3 148B  N2 133B  bk   0  KO  58B  IT  74B  KR  60B
                                                                           AN 353B  BE  36C  VB  41C
2758=UR 14 1616 15380 UKR  RL  P3  250      495   63  180  68.84N   7.48E  BK   0  VB  29C  SS  35C  lv 316C  KI  24C  FE  15B
                                                                           AN 359C  AL  26C  BK   0
2759=UR 17 1546 15380 UKR  RL  P3  250     2027  527  168  14.97N  68.51E  PS  36C  GI  10C  FE 340B  AN 330C  AL  27A  LV  10C
2760=VA  7 0142 11825 RUSS RL  G3B 250     5327 1086  168   2.40S  41.16E  FE  22C  LV  28C  AN 347C
2761=VA 10 0316 11915 RUSS RL  P1  250       0    0    0  50.48N  32.92E  AN 358C  PS  35D
2762=VA 10 0113 11915 RUSS RL  P1  250     2640  944  171  57.25N  32.60E  LR  33D  FE  16D  AN 358C
2763=VA 14 0342 15255 RUSS RL  G18  10     2541  505  138  42.41N  34.53E  FE  19C  DS  20C  CA  53C  BE  53B  PS  34C  LV  15C
                                                                           LR  41B
2764=VA 14 1817 15290 RUSS RL  P1  250       0    0    0  46.10N  35.51E  SS  43C  AN 356C
2765=VA 12 0212 15445 RUSS RL  G14 250       0    0    0  28.91N  57.37E  SS  50C  GI  22D
2766=VA 18 2150 17770 RUSS RL  G3A 250     3095  579  132  53.54N  27.79E  DS  21C  PS  34D  LR  40C  BE  44C  AL  34C  LV  20C
2767=VA 21 1611 17795 RUSS DW                0    0    0  25.45S  91.52E  LR  39C  BE  46C
2768=VA 23 2032 17865 RUSS RL  G8  250       0    0    0   0.00N   0.00E  bk   0  kr  85B  bl 100D  ss  51C
2769=VA 22 1911 17885 RUSS RL  G18  10       0    0    0  51.87N  30.16E  CA  40C  BE  44B
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2770=VA 23 2135 17885 RUSS RL  G1B  10   126   25  100  51.41N  17.21E  KR  86A  IT 115B  SS  42C
2771=VA 18 2241 17895 RUSS RL  G2B 250  3615  826  142  45.97N  33.41E  LR  41C  KI  33B  FE  16C
2772=VA 16 1410 21500 RUSS RL  G1A 250     0    0    0  49.47N  23.95E  SS  42C  VB  40C
2773=VA 14 1131 21735 RUSS RL  G1B  10     0    0    0  36.79S 172.73W  RO  40C  BK   0
2774=VA 11 2142 15380 UKR  RL  P3   250     0    0    0  22.70N  49.91E  GI  31C  KI  35D
2775=VA 15 2140 15380 UKR  RL  P3   250  2371  827  163  45.51N  37.04E  LV  17C  LR  40C  FE  16C  AN 353C
2776=VA 20 2010 17895 UKR  RL  P4   250     0    0    0  10.39S  80.02E  KI   7C  GI   3C
2777=VA  7 1913 11770 roma RFE G3   250     0    0    0  48.97N  33.70E  VB  37C  BE  45C
2778=VI 14 2218 15130 RUSS RL  G1S  250     0    0    0  44.36N 129.97E  HL 310B  AN 288C
2779=VI 19 0840 17770 RUSS RL  G1A  250  1005  384   53  46.29N 134.91E  HL 312B  LV 318D  AN 286B
2780=VI 24 2043 17895 UKR  RL  P4   250     0    0    0   0.00N   0.00E  ki  35C  an 284B
2781=VK  4 0031 11875 AZ   RL  L6   100     0    0    0   0.00N   0.00E  n0  90C  n2 170C  bk  65B  n1 165C
2782=VK 15 1331 15370 KAZA RL  HB   250     0    0    0  54.41N  12.45E  RO   0C  BD  67A
2783=VK  9 1631  6105 RUSS RL  L9    20     0    0    0  54.75N  41.73E  N1 115B  N0  86B
2784=VK 10 1831  6105 RUSS RL  L9    20     0    0    0   0.00N   0.00E  n1 110B  bk   0  it  70C
2785=VK 12 1532  7255 RUSS DW          0    0    0   0.00N   0.00E  bk   0  bl  50B  ko  55C  it  72B
2786=VK 15 1546  7255 RUSS DW       1345   99   87  56.69N  44.98E  KR  60D  BL  65C  KO  54B
2787=VK 22 1731  9520 RUSS RL  L1   100     0    0    0   0.00N   0.00E  bk   0  kr  80B  it  78C  bl  75B
2788=VK 23 1648  9520 RUSS RL  L1   100     0    0    0  50.35N  51.43E  MU  70D  BL  80C
2789=VK 22 1401  9520 RUSS RL  L1   100     0    0    0  52.62N  37.82E  N1 125B  N0  95C
2790=VL  4 0310 11935 RUSS RL  HA   250     0    0    0  36.44N  57.09E  VB  34C  AL  29B
2791=VL 11 0731 15115 RUSS RL  G9    50     0    0    0  55.55N  33.75E  N3 160B  N0  90C
2792=VL 22 1901 17885 RUSS RL  G1B  10     0    0    0   0.00N   0.00E  bk   0  bl  99A
2793=VM 19 2031 17835 CZEC RFE G11   50  1582   93   90  58.99N  56.76E  ro   0  bk   0  MU  50C  KR  55B  KO  50A
2794=VM 20 1531 17835 CZEC RFE G11   50  1126  136  119  55.46N  81.89E  ro  30C  bk   0  KR  53A  IT  58A  be  52A  LV 347D
                                                                        GI 359B
2795=VM 20 0601 17835 CZEC RFE G11   50   982  143  140  49.95N  89.40E  N3  93B  N2  78B  N1  73B  N0  63A  RO  60C  BD  50B
                                                                        bk   0
2796=VM 20 1201 17835 CZEC RFE G11   50   942  165  143  55.87N  80.11E  BD  50C  bk   0  N3  93B  N2  85C  HL 330B
2797=VM 21 1931 17835 CZEC RFE G11   50     0    0    0  90.00N  90.00W  RO   0C  BK   0
2798=VM 21 1431 17835 CZEC RFE G11   50     0    0    0   0.00N   0.00E  ro   0  bk   0  en 185C  n2  83C  n0  70C
2799=VM 21 0901 17835 CZEC RFE G11   50   922  143  113  57.46N  76.19E  RO  40C  EN  65B  bk   0  HL 332B  KR  55B  IT  59B
                                                                        KO  53B
2800=VM 22 1131 17835 CZEC RFE G11   50     0    0    0  34.31S 172.73W  RO  30C  BK   0
2801=VM 23 0831 17835 CZEC RFE G11   50     0    0    0   0.00N   0.00E  ro 300C  bk   0  it  58B
2802=VM 23 0731 17835 CZEC RFE G11   50     0    0    0   0.00N   0.00E  ro 300C  bk   0
2803=VM 23 1601 17835 CZEC RFE G11   50   876  268  131  47.64S 173.61E  BD  52C  RO 120C  IT  60B
2804=VM 24 1031 17835 CZEC RFE G11   50   305   71  118  56.91N  76.54E  RO  50C  BD  49A  BK  52B  MU  50B  IT  58A  BL  55A
                                                                        KO  56A  N0  70C  n1  95C  N3  94B  N2  87C
2805=VM 23 1831 17835 CZEC RFE G11   50   510  130  132  52.49N  84.58E  N1  75C  ro  20C  N2  80B  N3  95B  BD  48B  bk   0
                                                                        MU  55B  IT  62C  bl  52A  KO  56A
2806=VM 14 0101 15355 RUSS RL  G2B 250     0    0    0  56.51N  12.45E  RO   0C  BD  53B
2807=VM 19 0514 17895 RUSS RL  P1   250     0    0    0  49.96N  78.54E  AN 327B  KO  60C
2808=VN 19 1740 17760 AZ   RL  L3   100 10795  763   19  42.12N  75.45E  ps 336C  LV 341D  FE 348C  AN 326B
2809=VN 17 1416 15290 DARI RFE G1S  250     0    0    0   0.00N   0.00E  hl 323C  gi 324D  ds 353D
2810=VN 14 1610 15130 EST  RFE G1S  250  5047  678   19  38.10N  77.17E  LV 343C  HL 329D  FE 350B  AN 319B
2811=VN 21 1841 17760 GEOR RL  L3   100  3528  429   91  63.34N  11.32W  BE  39C  KI  29C  GI  35D
2812=VN 17 1831 21455 GEOR RL  L6   100     0    0    0  51.58N   7.27E  BK   0  KR  73B
2813=VN 21 1410 17750 KAZA RL  HC   250     0    0    0   0.00N   0.00E  n3 150C  n0 110C  hl 322B
2814=VN 17 1743 15290 RUSS RL  P1   250     0    0    0  46.23N  77.58E  HL 325B  AN 326C
2815=VN 12 0043 15445 RUSS RL  G1A  250     0    0    0  85.54N   8.49E  AL   6D  AN   3D
2816=VN 17 0131 15445 RUSS RL  G1A  250     0    0    0  57.30N  64.82E  N3 108B  N1  85C
2817=VN 19 0440 17760 RUSS RL  L3   100     0    0    0   7.99S  60.10E  AN 324B  FE 356C
2818=VN 18 1942 17770 RUSS RL  G3A  250     0    0    0   0.00N   0.00E  hl 319C  an 101B
2819=VN 24 2035 17885 RUSS RL  G1B  10   222   47   88  50.35N  24.52E  MU  74C  KR  90C  IT 100D  KO  68B
2820=VN 14 0747 21455 RUSS RL  G2B 250     0    0    0   0.00N   0.00E  fe 348B  lv   1D
2821=VN 16 0901 21530 RUSS RL  G8   250     0    0    0  53.59N   7.27E  BD  67B  BK   0
2822=VN 17 1431 21510 TAJI RL  HD   250   977  221  143  43.13N  74.52E  N3 110B  N0  83B  IT  75B  DS 359C
2823=VN 21 1610 17750 TB   RL  HC   250     0    0    0   0.00N   0.00E  ds 355C  ki  41C  lv 358C
2824=VN 16 0117 15370 TURK RL  B7   100     0    0    0   0.00N   0.00E  gi 330C  fe 350C  an 321B
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2825=VN 14 1517 15380 UKR   RL  P3   250   3817 1057   15   28.21N  63.06E   HL 329D  AN 330B  LR  40D
2826=VN 18 1647 17895 UKR   RL  P4   250      0    0    0   42.13N  71.18E   HL 325C  AN 329C
2827=VN 23 1540 17750 UZBE  RL  HC   250   3263  941  165    3.63S  72.05E   AL  37C  PS  37C  DS 356C
2828=VU  6 1525 11905 RUSS  DW                0    0    0   33.88N 118.72E   IT  55B  MU  55D
2829=VU 23 1740 17885 RUSS  RL  G18  10      0    0    0    0.00N   0.00E   mu  72A  ko  72B
2830=WA 24 1740 17685 ????  ????????????  2071  710  172   57.40N  42.67E   KI  16C  HL 350C  DS  17B  AN 351C
2831=WA  8 1301 11770 RUSS  RL  B6   100      0    0    0   54.46N  48.27E   N0  82B  N3 135B
2832=WA  7 1433 11825 RUSS  RL  P2   250      0    0    0   58.15N  42.49E   N3 140C  AL  26C
2833=WA 14 0431 15370 RUSS  RL  B7   100      0    0    0   56.06N  53.55E   BD  61A  KO  56B
2834=WG  4 0201  5955 BR    RL  HD   250      0    0    0   49.43N  51.20E   BK  76A  VB  29C
2835=WG  6 0301  5995 RUSS  RL  L7   100      0    0    0   53.76N   7.27E   BD  65B  BK   0
2836=WG 14 0340  7285 RUSS  DW                0    0    0   51.50N   7.27E   SS  41C  BK   0
2837=WG 14 0151  7190 TB    RL  P3   250   2154  340   93   57.76N  10.61W   SS  32C  VB  36C  CA  45C  BE  49C
2838=WK 16 0301 15340 AZ    RL  L4   100      0    0    0    0.00N   0.00E   n1 124B  bk   0
2839=WK 15 2331 15370 KIRG  RL  B7   100      0    0    0   90.00N  90.00W   kO   0C  BK   0
2840=WK 16 2331 15370 KIRG  RL  B7   100      0    0    0    0.00N   0.00E   ro   0   bd  89A  bk   0
2841=WK 10 1031 11875 RUSS  RL  L5   100      0    0    0   54.35N  38.11E   N0  90C  N2 135C
2842=WK 12 0201 15370 RUSS  RL  B7   100      0    0    0    0.00N   0.00E   n2 135B  ro   0C  n1 110C  n0  90B
2843=WK 13 0131 15370 TAJI  RL  B7   100      0    0    0    0.00N   0.00E   ro   0C  bd  94B  n2 138B
2844=WK 14 2201 15370 TAJI  RL  B7   100    932   45    0   60.76N   7.27E   ro  70C  BK   0   LR  37C  BK   0
2845=WK 13 0001 15370 UZBE  RL  B7   100    126   39  108   48.14N  24.76E   kO  50C  bk   0   BD  94A  PS  44C  LR  44C
2846=WQ 19 1643  9715 RUSS  DW                0    0    0   37.91N 123.20E   LV 314C  FE 312B
2847=WQ  5 1040 11885 RUSS  RL  L7   100   1476  448   48   46.04N 132.67E   KI 325C  GI 318D  FE 314C  AL 338C  HL 312C  DS 322B
                                                                              AN 287C
2848=WQ  5 0810 11885 RUSS  RL  L7   100   1147  436   58   45.46N 132.64E   LV 314B  HL 311B  GI 322C  DS 326C  AN 288C
2849=WQ  6 1112 11885 RUSS  RL  L7   100      0    0    0    0.00N   0.00E   fe 320C  an 288C  ds 320C
2850=WQ  5 1240 11885 RUSS  RL  L7   100   1501  341   47   47.78N 132.38E   LV 319C  AN 288B  DS 324C  HL 313C  GI 334D  FE 316B
2851=WQ  6 0948 11885 RUSS  RL  L7   100   1382  236  102   56.69N 147.70W   DS 326C  GI 314B  KI 321C
2852=WQ  7 0840 11885 RUSS  RL  L7   100      0    0    0    0.00N   0.00E   lr 356D  hl 318C  an 287C  al 323B
2853=WQ  8 1446 11885 RUSS  RL  P5   250      0    0    0   41.31N 119.96E   DS 325B  AN 293C
2854=WQ  5 1543 11915 RUSS  DW                4191  288   57   56.02N 149.68E   AN 288C  LV 320C  DS 323B  FE 314C
2855=WQ  7 1640 11915 RUSS  DW                   0    0    0   59.28N 168.86E   LV 320D  AN 283C
2856=WQ  8 1640 11915 RUSS  DW                   0    0    0   48.39N 136.58E   LV 316C  AN 287C
2857=WQ  8 1549 11915 RUSS  DW                7525  448   40   44.39N 131.40E   VB 337C  DS 321C  AN 287B
2858=WQ  8 1746 11915 RUSS  DW                2729  349   53   49.94N 148.76E   LV 314B  DS 317B  AN 280C
2859=WQ  9 1648 11915 RUSS  DW                5167  476   47   48.24N 136.07E   LV 316B  KI 329C  AN 287C
2860=WQ 10 0319 11915 RUSS  RL  P1   250      0    0    0   36.78S  78.85E   AN 286B  GI  28C
2861=WQ  9 1518 11915 RUSS  DW                   0    0    0    0.00N   0.00E   lv 317B  ki 327C  ds 317B
2862=WQ 10 1710 11915 RUSS  DW                1126  568   17   11.90S  86.83E   VB  40C  LV 315B  KI 328C  DS 326C  AN 291D
2863=WQ  6 0641 11970 RUSS  RL  G3A  250      0    0    0    0.00N   0.00E   ds 327C  gi 301D  an 294C
2864=WQ  5 1224 11970 RUSS  RL  HA   250   1683  534   48   47.00N 128.50E   HL 313C  FE 316C  GI 330C  AN 291C
2865=WQ  7 1313 11970 RUSS  RL  HA   250   3165  155   63   58.40N 158.06E   LV 318C  FE 315B  DS 324C  AN 287B
2866=WQ  9 1244 11970 RUSS  RL  HA   250   3188  429   39   47.67N 130.33E   AL 335B  VB 344B  KI 327C  FE 319C  DS 325B  AN 288C
2867=WQ 10 1240 11970 RUSS  RL  HA   250   4260  531   36   43.85N 125.85E   GI 327C  FE 317C  DS 325C  AN 289C  AL 339B
2868=WQ 15 0748 15380 RUSS  RL  P3+  500   6777  561   44   44.26N 131.24E   LV 315C  AN 287C  DS 321B
2869=WQ  5 2010 11885 UKR   RL  P5   250      0    0    0   44.16N  61.14E   HL 332D  AN 337C
2870=WQ  6 1841 11885 UKR   RL  P5   250   3869  182   66   58.83N 163.64E   FE 312B  DS 325C  AN 285C
2871=WQ  6 2018 11885 UKR   RL  P5   250      0    0    0   47.86N 137.20E   HL 314D  AN 286C
2872=WQ  7 2246 11885 UKR   RL  P5   250      0    0    0   61.88N 158.14W   AN 284C  LV 329C
2873=WQ 13 1710 15380 UKR   RL  P3   250      0    0    0   57.54N 168.41E   KI 325C  DS 322B
2874=WR  9 0301  6060 RUSS  DW                0    0    0   90.00N  90.00W   RO   0   BK   0
2875=WR  6 1631  6105 RUSS  RL  L9    20      0    0    0   49.41N  12.45E   RO  0C  KO  50B
2876=WR  8 1731  6105 RUSS  RL  L9    20      0    0    0    0.00N   0.00E   ro  40C  bl  68B  ko  47B
2877=WR  9 1631  6105 RUSS  RL  L9    20      0    0    0    0.00N   0.00E   ro   0C  bd  60C  ko  51A  bk   0
2878=WR  9 1731  6105 RUSS  RL  L9    20      0    0    0    0.00N   0.00E   ro   0C  bk   0   ko  31A  bl  70D
2879=WR 10 1840  6105 RUSS  RL  L9    20      0    0    0    0.00N   0.00E   bl  90D  it  70D  ko  50B
2880=WR  4 2020  6170 RUSS  RL  L5   100   5315  323  121   48.01N  82.26E   KR  65D  IT  65C  KO  60B  MU  65C  bl  45B
2881=WR 16 0131  7255 RUSS  RL  G4B  250      0    0    0   58.96N   7.27E   BK   0   N0  79B
2882=WR 13 2231  7295 RUSS  RL  L3   100      0    0    0   57.88N  23.60E   RO  20C  N0  88B
2883=WR 14 2131  7295 RUSS  RL  L3   100      0    0    0   53.40N  24.07E   RO  30C  BD  75C
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2884=WR 16 2301  7295 RUSS RL  L3  100     0    0    0    0.00N   0.00E  n1 115B  n0  75C  bd  65B
2885=WR  8 0710 11885 RUSS RL  L7  100     0    0    0   56.63N  74.03E  KO  52B  MU  53A
2886=WU  7 2112    10 ???? ???????????     0    0    0   64.13N  14.24E  AL  31A  GI  27C
2887=WU  5 0001 11725 RUSS RL  P5  250     0    0    0    0.00N   0.00E  n3 200   it  60C  ko  37A
2888=WU  6 0846 11875 RUSS RL  L5  100     0    0    0   56.70N  30.97E  N3 165B  N2 145B
2889=WU 10 2231 11875 RUSS RL  L6  100     0    0    0    0.00N   0.00E  bk   0   al  25C  an 357B
2890=WU  4 0740 11885 RUSS RL  L7  100  1504  111   81   58.88N  34.34E  IT  60C  PS  25C  GI  30D
2891=WU  5 0601 11885 RUSS RL  L7  100     0    0    0    0.00N   0.00E  n0  75B  n3 166A  n2 140B
2892=WU  5 1043 11885 RUSS RL  L7  100     0    0    0   59.77N  30.64E  N0  75B  N2 140B
2893=WU  5 1231 11885 RUSS RL  L7  100     0    0    0   59.68N  32.11E  N3 160B  N0  75B
2894=WU  6 0831 11885 RUSS RL  L7  100     0    0    0   56.70N  30.97E  N2 145B  N3 165B
2895=WU  7 1231 11885 RUSS RL  L7  100     0    0    0    0.00N   0.00E  n2 140C  bl  75C  it  57C
2896=WU  7 0931 11885 RUSS RL  L7  100     0    0    0   57.65N  30.70E  N3 165B  BD  60C
2897=WU  7 0801 11885 RUSS RL  L7  100     0    0    0   57.67N  31.17E  BD  60C  N2 143B
2898=WU  8 0701 11885 RUSS RL  L7  100     0    0    0    0.00N   0.00E  n1 130B  n2 145B  n0  85B
2899=WU 10 1440 11885 RUSS RL  P5  250     0    0    0   60.77N  24.84E  BE  37C  AL  31B
2900=WU 10 1301 11885 RUSS RL  L7  100     0    0    0   58.38N  32.98E  N1 120B  N0  80C
2901=WU  5 1701 11905 RUSS DW          0    0    0   56.52N  28.76E  BL  60D  MU  45D
2902=WU  7 1519 11905 RUSS DW      12543  705  178   11.56S 172.73W  BK   0   RO  10C  BK   0   al  36C
2903=WU  8 1631 11905 RUSS DW          0    0    0   46.75S 172.73W  MU  65D  BK   0
2904=WU 10 1701 11905 RUSS DW          0    0    0   44.86N  71.17E  N1  95B  N0  80B
2905=WU  8 0410 11885 UKR  RL  P5  250     0    0    0   20.96S  51.37E  FE  12B  AN 330D
2906=WV 20 1101 17610 KAZA RL  L6  100   247   56  124   54.99N  45.02E  EN  94B  BD  60C  N2 120C  N0  90B  N1 105C  BE  37C
                                                                         HL 349C  HL 349C  VB  29B  VB  29B  AN 356C  LR  34C
                                                                         PS  30C  AN 356C
2907=WV 15 1601 15425 RUS  IBA         500   57   93   55.54N  44.86E  ro   0C  BD  65C  bk   0   BK  63B  MU  60B  KR  62B
                                                                         IT  72B  KO  56B
2908=WV 15 1547 15425 RUS  IBA        2079  399  177   48.22N  33.39E  AN 357A  KI  23C  LV  19B  FE  23C
2909=WV  9 1216 11875 RUSS RL  L5  100     0    0    0   56.84N  34.35E  N2 138C  N0  85C
2910=WV  7 1520 11905 RUSS DW          0    0    0   28.11S 152.95E  KR  60B  MU  70C
2911=WV 13 0931 15340 RUSS RL  L4  100     0    0    0   57.34N  35.45E  N3 155C  N2 135C
2912=WV 11 0531 15370 RUSS RL  HB  250     0    0    0    0.00N   0.00E  n1 130C  ro   0C  n0 100B
2913=WV 11 1501 15405 RUSS DW          0    0    0   53.40N  24.03E  N0 110C  BD  75B
2914=WV 24 0931 17725 RUSS RL  G10  50     0    0    0    0.00N   0.00E  n3   0   n2 130C  n0   0
2915=WV 24 0631 17750 RUSS RL  HC  250   163   60  148   53.46N  37.42E  N0  93B  N3 154B  N2 138B
2916=WV 21 0701 17760 RUSS RL  L3  100     0    0    0   36.96N  62.88E  N1 110C  N0  95C
2917=WV 24 0701 17770 RUSS RL  G1A 250     0    0    0   90.00N  90.00W  N3   0   N1   0
2918=WV 23 1625 17885 RUSS RL  G18  10     0    0    0    7.39N  46.89E  N2 146C  N3 155B
2919=WV 24 1601 17885 RUSS RL  G18  10   283   63   75   56.53N  31.09E  BD  64B  KO  48B  KI  29C  GI  21C  DS  17B  AN 357C
2920=WV 13 1105 21455 RUSS RL  G2B 250     0    0    0    0.00N   0.00E  n2 145C  it  72B  bl  70B
2921=WV 16 0901 21530 RUSS RL  G8  250     0    0    0    0.00N   0.00E  n3 155B  n1 125C  n0  80B
2922=WV 12 1014 21735 RUSS RL  G18  10   246   45  152   56.84N  36.79E  N3 153B  N2 133B  N1 118B
2923=WV 13 1218 21735 RUSS RL  G18  10     0    0    0   17.97N  67.39E  SS  54C  AL  28B
2924=WV 21 1001 17610 TAJI RL  L6  100     0    0    0    0.00N   0.00E  ro  50C  n1 112B  n0  80B  en 102B  bk  62B
2925=WV 18 1253 17735 UKR  RL  G3  250     0    0    0    0.00N   0.00E  n0  95C  n3 151B  n1 121B
2926=X5 19 0644  9725 CZEC RFE B7  100     0    0    0   48.20N  21.27E  LR  46C  VB  42C
2927=XD 11 0431 15425 RUS  IBA         0    0    0    0.00N   0.00E  ro   0C  bd  67B  ko  58B  kr  71B
2928=XD 22 0731 17750 RUSS RL  HC  250     0    0    0   50.65N  37.72E  N2 140B  N0 100C
2929=XD 19 1601 17885 RUSS RL  G18  10  4173  335  131   37.75N  67.66E  bd  67B  bk   0   N0  90C  KR  83B  BL  90D  ko  52B
2930=XD 23 1611 17885 RUSS RL  G18  10     0    0    0    0.00N   0.00E  bk   0   n0   0   n1 126B
2931=XI 24 1444  9520 RUSS RL  L1  100     0    0    0   48.56N 139.74E  KI 326C  HL 315B
2932=XI 24 1010  9520 RUSS RL  L1  100     0    0    0   48.49N 123.34E  HL 315B  DS 328C
2933=XI  6 1516 11905 RUSS DW          2724  832   42   37.75N  91.96E  LV 333C  HL 312B  AN 312C
2934=XI  7 1510 11905 RUSS DW          1903  535   43   47.96N 106.21E  LV 338D  HL 317B  AN 307B
2935=XN 18 1938 17760 ARM  RL  L3  100     0    0    0    0.00N   0.00E  n1 133B  n3 157C  n2 137C
2936=XN 21 1332 17760 ARM  RL  L3  100   185   53  129   54.66N  29.83E  n3 160C  N2 150C  N0  97B  EN 120C
2937=XN 19 1701 17760 AZ   RL  L3  100     0    0    0    0.00N   0.00E  bd  88B  n2 130C  n3 180C
2938=XN 12 2112 15130 BR   RL  G15 250   392   29  180   54.91N   7.27E  BK   0   BK   0   VB  36C  PS  41D  LR  42C  CA  45C
                                                                         BE  50B
2939=XN 21 1831 17760 GEOR RL  L3  100   972  130  113   43.26N  40.19E  bd  62B  KO  90B  it  90D  BE  48C  AN 352B  bk   0
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2940=XN 21 1631 17760 GEOR RL  L3  100     0     0     0   0.00N   0.00E  n3 160C  n0 140C  be  49B
2941=XN 21 1410 17750 KAZA RL  HC  250     0     0     0  39.91N  44.86E  N3 150C  N0 110C
2942=XN 11 2041 15290 RUSS RL  P1  250  5169   521   132  49.42N  30.05E  VB  37C  PS  38C  LR  41B  GI  29C  AL  39B
2943=XN 18 1550 17760 RUSS RL  L3  100  1997   150   135  31.89N  55.66E  KO  97B  IT 105A  kr  91A  MU 100C
2944=XN 21 1710 17795 RUSS DW                0     0     0  37.58N  73.91E  N0  85B  N2 105B
2945=XN 11 0901 21455 RUSS RL  G2B 250     0     0     0  47.67S 172.73W  BK   0   KO  90B
2946=XW 11 0205 15340 RUSS RL  G15 250   573    55   180  57.43N   7.27E  BK   0   PS  40C  LR  40B
2947=XW 11 0111 15340 RUSS RL  G15 250 16207  1056   148  11.64N  63.21E  PS  39D  LR  45B  AL  35C
2948=Z1 20 0516 17770 RUSS RL  G18  10     0     0     0  76.27N 151.10W  AN 359A  HL   2D
2949=Z1 23 0501 17770 RUSS RL  G18  10     0     0     0  52.15S 179.18E  BD 105B  BK 105A
2950=Z1 24 0701 17770 RUSS RL  G1A 250   197    36   128  44.15N  25.23E  n3 187B  N2 164B  BK 113A  N3 180C
2951=Z1 24 0601 17770 RUSS RL  G18  10    78    16   132  45.75N  21.46E  BD 106C  BK 113A  MU 114C  KO 103B  BL 136A  IT 135A
                                                                         VB  42C  SS  46C  PS  44B  LV  21C  HL 356B  AN 356C
                                                                         BK 113A
2952=Z3  7 0555   6115 CZEC RFE B3  100    34    17   151  50.42N  14.04E  IT 140A  KO  45B  BL 165B  KR 101B
2953=Z3 22 1101   9725 CZEC RFE B7  100     0     0     0  50.65N  14.29E  BK  93A  N0 145B
2954=Z3 22 1001   9725 CZEC RFE B7  100     0     0     0  50.93N  14.65E  N1 175A  N0 143B
2955=Z3 23 1314   9725 CZEC RFE B7  100     0     0     0   0.00N   0.00E  n1 109B  n0 101B  n0   0
2956=Z3  9 0631 11855 CZEC RFE G3B 250     0     0     0  52.95N  16.30E  N3 195B  N0 130B
2957=Z3 12 2122 15255 CZEC RFE G14 250     0     0     0  10.38S  76.31E  VB  56B  LR  47C
2958=Z3 14 2011 15255 CZEC RFE G14 250     0     0     0  53.64N  46.15W  PS  42C  LR  45C
2959=Z3 15 1131 15255 CZEC RFE G14 250     0     0     0  51.35N  12.45E  KO   0C  BD  90C
2960=Z3 16 1010 15255 CZEC RFE G14 250     0     0     0  45.96N  24.32E  VB  43B  BE  52C
2961=Z3 17 1110 15255 CZEC RFE G14 250     0     0     0  55.02N   5.79E  PS  40C  GI  38C
2962=Z3 18 2131 17835 CZEC RFE G11  50     0     0     0  49.68N  19.59E  KO  30C  BD  93B
2963=Z3 23 0831 17835 CZEC RFE G11  50     0     0     0  49.91N  13.99E  BD  98B  KO  53A
2964=Z3 23 1601 17835 CZEC RFE G11  50   128    37   171  52.45N  13.27E  N3 198C  N2 187B  N1 177B  N0 143B  n0   0  n1   0
                                                                         N2 187B
2965=Z3 23 1847 17835 CZEC RFE G11  50 18429   756   135  38.02N  35.08E  PS  43B  LR  48C  KI  36B
2966=Z3 11 1931 21720 CZEC RFE G3B 250     0     0     0  48.08N  20.23E  N0 135B  BD  99B
2967=ZA 14 1444 15170 CZEC RFE G12  50     0     0     0  47.27N  56.70E  SS  35C  AN 341A
2968=ZA 18 1711   9715 RUSS DW                1369   399    55  53.02N 138.22E  LV 321C  HL 319C  FE 321C  AN 289C
2969=ZA 21 2140   9750 RUSS RL  P2  250  1475   576    71  62.15N 127.09E  LV 330C  FE 329C  HL 330B
2970=ZA 10 0141 11725 RUSS RL  P5  250     0     0     0  64.65N  33.79E  AN 358B  GI  20D
2971=ZA 12 0542 15115 RUSS RL  G9   50  1196   161    51  59.63N 126.37E  LV 328C  FE 320B  HL 325B  DS 327C  AN 307A
2972=ZA 13 0616 15115 RUSS RL  G9   50  1414   158    51  60.40N 128.53E  LR 347C  PS 349C  CA 346B  AN 306A
2973=ZA 14 0940 15115 RUSS RL  G9   50     0     0     0   0.00N   0.00E  ds 356B  lv  11C  an 303B  hl 329D
2974=ZA 12 0243 15130 RUSS RL  G1B 250     0     0     0   0.00N   0.00E  an 290B  fe 324B
2975=ZA 11 2316 15130 RUSS RL  G15 250     0     0     0  36.66N  98.72E  AN 306A  FE 328C
2976=ZA 13 0340 15255 RUSS RL  G18  10  1155   388    56  60.26N 126.54E  AL 345C  LV 335D  AN 306C  FE 327C  HL 328B
2977=ZA 12 1712 15290 RUSS RL  P1  250     0     0     0   4.69S  79.34E  FE 330B  AN 305B
2978=ZA 14 0443 15370 RUSS RL  B7  100     0     0     0  36.48S  78.16E  AN 287D  GI  32C
2979=ZA 17 0640 15370 RUSS RL  HB  250  1195   253    49  61.53N 130.93E  KI 347C  FE 328C  DS 327C  AN 306C  DS 327C  FE 328C
                                                                         VB 347D  LR 349C  KI 347C  CA 345C  BE 349B  AN 306C
2980=ZA 11 0249 15445 RUSS RL  G14 250     0     0     0   0.00N   0.00E  an 293A  fe 329B
2981=ZA 12 0041 15445 RUSS RL  G14 250     0     0     0   0.00N   0.00E  lv  30D  an 292B
2982=ZA 16 0210 15445 RUSS RL  G14 250     0     0     0  35.11S  66.13E  FE 332C  AN 302C
2983=ZA 21 0640 17750 RUSS RL  HC  250     0     0     0  66.94N 175.72E  GI 330D  AN 306B
2984=ZA 21 0416 17760 RUSS RL  L3  100  1288   121    80  66.63N 160.73E  VB 343C  LV 315C  FE 327C  DS 335C  AN 306B  AL 336B
2985=ZA 18 2140 17770 RUSS RL  G3A 250     0     0     0  50.21N 110.91E  FE 327C  AN 306B
2986=ZA 21 0746 17770 RUSS RL  G1A 250  2216   560    59  63.32N 136.00E  HL 333D  GI 338C  AN 306D
2987=ZA 19 0412 17895 RUSS RL  P1  250  2154   586     9   9.90S  78.16E  AN 307B  FE 328B  KI  13C  DS 336C
2988=ZA 20 1040 17895 RUSS RL  P1+ 500     0     0     0  66.53N 145.90E  GI 336C  AN 309C
2989=ZA 13 1140 21500 RUSS RL  G1A 250   808   186     6  27.79S  70.22E  DS   2C  AN 306B  FE 327A  LV 328C
2990=ZA 14 0814 21510 RUSS RL  HD  250     0     0     0  50.20N 110.91E  FE 327A  AN 306B
2991=ZA 13 1210 21530 RUSS RL  G8  250  1141   148    46  59.00N 124.74E  LV 329B  FE 327A  DS 336B  AN 306A  AL 344A
2992=ZA 13 1240 21665 UKR  RL  G2A 250  6931   263    47  60.01N 125.51E  LV 332C  FE 327A  DS 335B  AN 306C
2993=ZA  5 1841 11770 roma RFE G3  250     0     0     0   0.00N   0.00E  lv 337B  an 306B  hl 335C  fe 329A
2994=ZK 14 1301 15340 ARM  RL  L4  100     0     0     0   0.00N   0.00E  ro   0C  n2 140C  n0  90B  bk   0
2995=ZK 17 1301 15340 ARM  RL  L4  100  2623   217     0  90.00N  90.00W  BD   0   BK   0   RO   0
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2996=ZK 20 0217  9505 BR   RL  G3A 250  6883  890  142  35.93N  59.75E  VB  37C  SS  42C  BE  38B
2997=ZK 19 0201  9505 BR   RL  G3A 250     0    0    0  56.08N  33.95E  N2 140B  N0  88B
2998=ZK 10 2249 11770 KAZA RL  HB  250     0    0    0   0.00N   0.00E  gi  32C  ps  42D  al  29C
2999=ZK  8 1404 11825 RUSS RL  P2  250     0    0    0  53.48N  49.62E  BL  73B  N3 134B
3000=ZK  5 0109 11770 TURK RL  HB  250     0    0    0  49.37N  62.26W  VB  28B  BE  41B
3001=ZK 11 1231 15215 UKR  RL  G1  250     0    0    0  54.81N  38.90E  N2 133B  IT  75A
3002=ZK  7 0001 11770 UZBE RL  HB  250     0    0    0  63.35N  16.14E  N2 180C  N1 150B
3003=ZM  9 0101 11875 ARM  RL  L6  100   587   28   98  51.45N  15.90E  BD  87A  KR  86B  bk   0  LR  42C  AL  45D
3004=ZM 11 1701 21455 AZ   RL  L6  100     0    0    0   0.00N   0.00E  kr  65B  mu  70B  it  74C
3005=ZM  7 2050 11970 EST  RFE P6  250 29237 1377  145  39.32N  50.54E  AL  33D  PS  32C  LR  40D
3006=ZM  9 2043 11970 EST  RFE P6  250     0    0    0   0.00N   0.00E  ps  43D  ki  32D  al  30A
3007=ZM 11 1814 21455 GEOR RL  L6  100  9244  842  151  22.34N  64.11E  VB  34C  BE  45B  AL  29B
3008=ZM 19 1412 17750 KAZA RL  HC  250     0    0    0  36.59N  50.18E  HL 335B  BE  45C
3009=ZM  9 1810 11970 LAT  RFE P6  250  6228  729  144  39.32N  49.52E  VB  39B  PS  31B  GI  28C  AL  31C
3010=ZM 10 1810 11970 LAT  RFE P6  250     0    0    0  20.84N  65.12E  VB  38C  AL  29B
3011=ZM  5 0141 11825 RUSS RL  G3B 250  6613  245   74  58.66N  31.92W  VB  33C  PS  34D  BE  45C
3012=ZM  9 1831 11875 RUSS RL  L5  100     0    0    0  54.73N  12.45E  RO   0C  VB  38C
3013=ZM 13 0401 15340 RUSS RL  L4  100     0    0    0  56.27N  37.95E  RO  40C  BK  62B
3014=ZM 17 0001 15355 RUSS RL  G2B 250     0    0    0  51.62N  12.45E  RO   0C  BD  88B
3015=ZM 20 1450 17750 TAJI RL  HC  250     0    0    0  35.44N  56.74E  MU  94D  IT 100B
3016=ZM 24 0331  9625 UKR  RL  P4  250     0    0    0  55.35N  34.51E  N2 140C  N0  90C
3017=ZN 18 2231  9505 RUSS RL  G3A 250     0    0    0  52.96N  42.33E  N2 130C  N0  90B
3018=ZN  9 0201 11915 RUSS RL  P1  250     0    0    0  55.35N  34.51E  N0  90B  N2 140C
3019=ZN 11 0840 15115 RUSS RL  G9   50     0    0    0  65.18N   8.71E  CA  33C  BE  35C
3020=ZN 16 2131 15370 RUSS RL  HB  250     0    0    0  51.46N  35.92E  N0 100B  N1 130B
3021=ZN 18 1923  9565 UKR  RL  L7  100     0    0    0  64.73N  26.97E  N1  97C  N2 132C
3022=ZN 16 1810 15380 UKR  RL  P3  250     0    0    0  73.30N  30.50E  AL  18C  FE   9C
3023=ZT 20 2131  9505 BR   RL  HA  250 18490  421  142  21.57S 136.01E  BD  65A  bk   0  n0  85C  kr  65B  IT  75B  BL  77A
3024=ZT  7 0319 11970 BULG RFE G14 250   573  107  150  43.47N  27.10E  bk  62A  N0 130B  N3 175C  SS  44C
3025=ZT 17 2031 15115 BULG RFE G2B 250     0    0    0   0.00N   0.00E  ro  30C  ro 270C  bk   0
3026=ZT 11 2331  7245 CZEC RFE G12  50   465   44   86  55.37N  26.56E  BD  67B  IT  75B  BL  65C
3027=ZT 19 2301  9595 CZEC RFE G1  250  1684   76  100  54.91N  47.52E  BD  65B  bk   0  KR  65B  it  65C  IT  72C  BL  70B
                                                                       bk   0
3028=ZT 23 2201  9595 CZEC RFE G1  250     0    0    0   0.00N   0.00E  ro  30C  bd  65B  bk  67B  bk   0
3029=ZT 19 2231  9725 CZEC RFE G11  50     0    0    0   0.00N   0.00E  ro   0C  bd  65C  bk   0
3030=ZT 21 2331  9725 CZEC RFE G11  50     0    0    0  37.27S 156.94E  BD  57C  BK  69A
3031=ZT 23 0301  9725 CZEC RFE G11  50     0    0    0  38.24N  88.75E  BD  65A  BK  69A
3032=ZT 24 1101  9725 CZEC RFE B7  100   560   87  159  42.77N  20.81E  N1 165C  N3 185C  N0 143B
3033=ZT 11 0601 15170 CZEC RFE G12  50   197   67  115  54.57N  46.63E  N1 110B  N0  80B  BD  63B  bk   0  DS  15C  KR  68B
                                                                       it  78A  KO  62B  bl  60B
3034=ZT 11 1443 15170 CZEC RFE G12  50     0    0    0  55.15N   7.27E  BK   0  SS  37C
3035=ZT 11 1314 15170 CZEC RFE G12  50   163    6    6  51.10S 172.73W  BK   0  BK  65B  BK   0  BL  60B  it  78B  kr  60B
3036=ZT 12 2031 15170 CZEC RFE G12  50   355   44   87  56.18N  37.00E  RO  40C  BD  65B  bk   0  SS  38C  KR  63A
3037=ZT 12 1418 15170 CZEC RFE G12  50   729   72  180  64.98N   7.27E  PS  30C  AL  31C  BK   0
3038=ZT 14 1201 15170 CZEC RFE G12  50  1951  201  138  33.35N  93.47E  N2  87B  BD  67A  BK  70A  mu  60B  KR  68A  bl  69A
                                                                       IT  77B  bk   0
3039=ZT 14 1918 15170 CZEC RFE G12  50     0    0    0   0.00N   0.00E  ss  38C  fe  10C  an 338C
3040=ZT 15 0731 15170 CZEC RFE G12  50     0    0    0   0.00N   0.00E  n0  90B  bd  66B  n3 115B  bk   0  mu  58B  bl  68B
                                                                       it  78B
3041=ZT 14 1701 15170 CZEC RFE G12  50   243   57  111  53.78N  50.15E  n2 130B  N1 105B  BD  67B  bk  58B  AN 343B  BL  68B
                                                                       IT  75A
3042=ZT 14 1001 15170 CZEC RFE G12  50   116   52  109  54.75N  43.63E  N3 142B  BD  67A  BK  64B  KR  66B  IT  75B
3043=ZT 15 0513 15170 CZEC RFE G12  50   600   46   89  55.01N  32.40E  AL  37C  ss  57C  BD  67B  bk   0  KR  70C  BL  70B
                                                                       IT  75C
3044=ZT 15 1540 15170 CZEC RFE G12  50  1311   99  104  53.77N  54.07E  BK  66A  SS  32C  VB  23C  GI  12C  PS  29C
3045=ZT 17 1316 15170 CZEC RFE G12  50     0    0    0  49.68N  56.85E  VB  26C  SS  33C
3046=ZT 17 2131 15170 CZEC RFE G12  50     0    0    0   0.00N   0.00E  ro  40C  bk   0  bd  64A
3047=ZT 16 1801 15170 CZEC RFE G12  50     0    0    0   0.00N   0.00E  bd  85B  ss  38C
3048=ZT 24 0301  9520 DARI RFE L1  100     0    0    0  40.31S 172.73W  RO  70C  BK   0
3049=ZT 23 2001  9505 EST  RFE HA  250   354   58  104  54.99N  38.15E  N0  88B  KR  66C  IT  75B  bl  80C
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3050=ZT 18 1912  9505 LITH RFE HA  250     0    0    0  58.28N   7.27E  BK   0   N0 122C
3051=ZT 19 1931  9505 LITH RFE HA  250     0    0    0  57.01N  38.06E  BD  62B  N0  82B
3052=ZT  4 2201  5955 RUSS RL  HD  250     0    0    0   0.00N   0.00E  n0  85B  bd  64A  ss  48C  lr  43D
3053=ZT  4 2031  5955 RUSS RL  HD  250 12936  546  144  12.86S 132.88E  n3 140B  BD  60B  n0  85B  KR  70B  bl  40C  KO  70C
                                                                        KR  70B  IT  70B  KO  70C  IT  70B
3054=ZT  4 0001  5955 RUSS RL  HD  250   152   59  144  57.58N  34.15E  N3 155C  N2 140C  N1 120C  N0  82C  VB  46D
3055=ZT  4 1831  5955 RUSS RL  HD  250     0    0    0  55.64N  41.18E  N0  84A  BD  65B
3056=ZT  6 2101  5955 RUSS RL  HD  250     0    0    0  53.76N   7.27E  BD  65B  BK   0
3057=ZT  7 1931  5955 RUSS RL  HD  250   254   47   92  55.99N  33.76E  N0  90C  BD  63B  bk   0   MU  55D  kr  70B  IT  70B
                                                                        BL  70C
3058=ZT 10 1931  5955 RUSS RL  HD  250     0    0    0  58.24N  24.90E  N0  85B  BK  48B
3059=ZT 12 2331  7115 RUSS RL  B8  100     0    0    0   0.00N   0.00E  ro  40C  bk   0   bd  69A
3060=ZT 14 0031  7115 RUSS RL  B1  100     0    0    0  61.24N  66.68E  RO  40C  BK  49B
3061=ZT 13 0101  7145 RUSS RL  B1  100     0    0    0  90.00N  90.00W  RO   0C  BK   0
3062=ZT 12 2231  7220 RUSS RL  L2  100     0    0    0  90.00N  90.00W  RO   0C  BK   0
3063=ZT 11 0031  7255 RUSS RL  G4B 250     0    0    0   0.00N   0.00E  bk   0   bd  62B  n0  85B
3064=ZT 20 0310  9690 RUSS DW              0    0    0  46.97S 172.73W  KO  62B  BK   0
3065=ZT  5 0611 11970 RUSS RL  G3A 250  5418 1069  139  48.51N  54.07E  SS  36C  GI  20D  BE  34C
3066=ZT  4 0642 11970 RUSS RL  G3A 250     0    0    0  51.44N  12.54E  SS  41C  LR  46C
3067=ZT  5 1217 11970 RUSS RL  HA  250  1615  957  175    .27N 100.30E  GI 329C  SS  37C  KI 328C
3068=ZT  8 1231 11970 RUSS RL  HA  250     0    0    0   0.00N   0.00E  n2 125B  n3 150B  gi 331B  ss  36C
3069=ZT  9 1331 11970 RUSS RL  HA  250     0    0    0  53.30N   6.17E  BD  68D  SS  39C
3070=ZT 10 1240 11970 RUSS RL  HA  250     0    0    0  50.16N  36.29E  SS  39D  LR  38D
3071=ZT 14 1010 15130 RUSS RL  P6  250     0    0    0  40.10N  62.59E  BE  35C  SS  38C
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APPENDIX B

COMPOSITE LOCATION OF JAMMERS

JULY 1988

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129 HITS   E-file=EEEE                    D-file=DDDD

1=A5         46 63N  22.14E   695   83  121deg   17    93 of   94 bearings
             315.00  316.00  317.00  318.00  319.00  320.00  321.00  322.00  323.00  324.00
             325.00  326.00  327.00  328.00  329.00  330.00  331.00
            BE051 KI036 LR047 CA050 VB046 AL042 SS049 PS045 VB043 SS051 PS039 LR048 CA052 BE055 AL046
            KI037 SS048 DS028 LR050 PS042 GI038 VB046 PS045 LR047 SS049 BD105 BK105 AN338 DS027 KI037
            LV032 PS044 SS048 LR044 KI035 CA046 LR047 PS045 BE053 AL042 PS045 LR046 VB043 VB042 PS041
            CA055 BE053 AL048 LR021 PS045 VB044 FE023 AN003 KI037 AL043 LR047 DS024 AN002 DS032 LV026
            BE051 AN004 FE027 AL045 LV030 FE027 AN004 DS032 AL045 LV027 DS036 VB042 AN002 LR047 PS042
            LR046 AN004 FE020 DS033 AN358 VB044 GI038 CA050 BE053 AL043 bk000 LR045 AL044 CA051 BE050
            SS044 GI038 KI038 PS043

2=AB         42.67N  98.69E 12883  508  135deg    2     4 of    6 bearings
             332.00  333.00
            KR060 MU060 ko050 IT065 bk000 BD054

3=AG         56.37N 150.07E   632  141   58deg   13    51 of   51 bearings
             334.00  335.00  336.00  337.00  338.00  339.00  340.00  341.00  342.00  343.00
             344.00  345.00  346.00
            LV308 FE309 DS318 FE321 LV309 GI331 DS324 AN290 GI330 FE321 DS326 AN290 LV309 PS339 LV315
            KI328 FE314 DS322 AN288 VB346 AL331 GI334 AN285 FE321 AN294 FE321 FE310 DS321 FE310 DS318
            AN288 KI327 LV315 FE311 DS320 AN287 GI338 LV315 FE314 DS325 BD062 BK000 HL326 GI338 SS053
            LR022 HL325 CA027 BE025 BK000 SS036

4=AL         51.98N 131.48E   705  170   50deg   16    44 of   44 bearings
             347.00  348.00  349.00  350.00  351.00  352.00  353.00  354.00  355.00  356.00
             357.00  358.00  359.00  360.00  361.00  362.00
            LV322 HL315 AN287 AN289 HL315 LV326 AN290 LV320 HL317 DS329 HL323 AN292 HL317 AN296 FE318
            LV320 AN294 HL317 LV318 HL318 LV313 HL319 DS326 HL319 LV319 DS328 LV327 HL318 HL318 AN293
            DS327 LV320 HL319 FE316 GI329 FE326 DS332 AN303 AN294 HL316 HL316 LV320 GI324 AN295

5=AH         55.58N  46.68E   978   67   99deg    5     8 of   13 bearings
             363.00  364.00  365.00  366.00  367.00
            N0080 n1140 KR065 mu075 BL080 bk000 BD062 bk000 BK065 kr052 IT069 BD059 IT070

6=AN         60.45N   7.27E   654  116  179deg    1     5 of    5 bearings
             368.00
            BK000 VB032 CA041 BE041 SS033

7=AU         34.44N  71.14E     0    0    0deg    1     2 of    2 bearings
             559.00
            N3120 N0090

8=AV         51.43N   7.27E    84    6  180deg    3     6 of    8 bearings
             560.00  561.00  562.00
            BD095 BK000 be003 SS046 AN356 BK000 BE037 an357

9=AW         50.51N 133.89E  1175  368   52deg    5    12 of   12 bearings
             563.00  564.00  565.00  566.00  567.00
            AN292 LV322 HL315 AN293 LV320 HL319 FE320 AN289 KI336 AN289 HL317 KI321

10=B1        48.44N  23.03E   198   47  116deg    5    21 of   23 bearings
             568.00  569.00  570.00  571.00  572.00
            N0132 N1156 bk000 BD094 bk050 CA050 VB042 BE048 LR047 BD095 SS055 PS041 LR046 CA050 BE047
            SS049 PS043 VB038 SS039 BE048 CA045 LR045 PS044

11=BA        47.75N  53.98E   659  115  120deg    2     8 of   10 bearings
             573.00  574.00
            N0085 BD074 N1110 bk000 IT086 KO074 BL080 MU083 ro000 AN343
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12=BD          52.72N  19.00E  7271   871  124deg    2     5 of    5 bearings
               575.00  576.00
              LR041 DS028 LR044 CA045 BE047

13=BF          51.09N 137.13E   243    45   49deg  157   565 of  589 bearings
               577.00  578.00  579.00  580.00  581.00  582.00  583.00  584.00  585.00  586.00
               587.00  588.00  589.00  590.00  591.00  592.00  593.00  594.00  595.00  596.00
               597.00  598.00  599.00  600.00  601.00  602.00  603.00  604.00  605.00  606.00
               607.00  608.00  609.00  610.00  611.00  612.00  613.00  614.00  615.00  616.00
               617.00  618.00  619.00  620.00  621.00  622.00  623.00  624.00  625.00  626.00
               627.00  628.00  629.00  630.00  631.00  632.00  633.00  634.00  635.00  636.00
               637.00  638.00  639.00  640.00  641.00  642.00  643.00  644.00  645.00  646.00
               647.00  648.00  649.00  650.00  651.00  652.00  653.00  654.00  655.00  656.00
               657.00  658.00  659.00  660.00  661.00  662.00  663.00  664.00  665.00  666.00
               667.00  668.00  669.00  670.00  671.00  672.00  673.00  674.00  675.00  676.00
               677.00  678.00  679.00  680.00  681.00  682.00  683.00  684.00  685.00  686.00
               687.00  688.00  689.00  690.00  691.00  692.00  693.00  694.00  695.00  696.00
               697.00  698.00  699.00  700.00  701.00  702.00  703.00  704.00  705.00  706.00
               707.00  708.00  709.00  710.00  711.00  712.00  713.00  714.00  715.00  716.00
               717.00  718.00  719.00  720.00  721.00  722.00  723.00  724.00  725.00  726.00
               727.00  728.00  729.00  730.00  731.00  732.00  733.00
              gi134 FE322 FE313 DS326 LV316 AN290 DS326 KI329 HL319 FE316 GI330 FE313 LV320 DS326 AN290
              PS316 LV320 KI315 HL315 FE317 DS325 AN291 AN297 FE314 FE315 AN294 HL314 LV321 AN293 FE318
              LV320 FE320 AN296 FE311 AN297 LV320 FE318 AN291 HL315 DS328 AN290 LV319 AN287 HL323 DS328
              HL317 AN289 HL320 FE307 AN285 FE317 LV320 FE317 HL321 LV324 HL318 AN287 DS321 AN290 KI327
              LV316 LV317 HL316 DS325 LV330 KI329 FE310 AN298 LV323 DS325 AN295 FE314 LV330 GI336 FE318
              DS322 AN290 AN290 FE311 FE313 AN290 FE316 AN295 LV325 HL318 DS322 FE309 AN291 LV315 DS321
              AN290 LV316 FE318 LV320 AN290 LV320 FE311 AN289 gi023 AN290 AL330 PS336 LV320 KI327 HL315
              GI331 BE320 DS325 CA329 AN292 BE329 KI329 AL338 DS327 GI332 CA334 LV318 AN292 FE316 BE341
              AL338 LV319 KI330 HL314 GI326 DS327 AN291 HL312 LV316 FE316 ps160 AN289 KI322 DS323 AL331
              LV319 KI327 HL313 GI331 FE317 DS326 AN290 PS336 LV320 GI320 AL328 AN293 KI334 GI332 LV317
              DS323 AN291 HL315 PS333 AL338 LV317 HL316 FE315 DS324 AN288 LV319 PS335 KI329 GI329 FE316
              HL315 AN291 DS323 AN289 HL316 AN289 LV318 DS320 LV318 GI328 DS325 AN289 LV319 FE314 AN288
              AN285 LV319 GI325 HL317 AN294 FE313 FE313 LV316 AN293 LV322 DS325 FE313 LV321 HL312 GI343
              FE314 DS326 AN289 LV321 HL313 GI329 FE314 DS326 AN290 LV315 FE313 AN289 LV318 FE313 AN298
              LV321 HL315 GI332 FE319 DS326 AN292 LV320 HL315 FE313 DS325 AN291 LV318 AN290 AN293 LV321
              LV318 HL316 FE313 DS325 AN290 LV318 HL315 AN290 LV315 HL312 FE313 AN289 DS326 LV320 AN289
              AN288 LV319 LV317 AN291 FE313 AN292 LV318 HL313 GI323 FE312 DS325 AN290 LV320 AN289 LV317
              an298 GI029 FE314 AN289 LV320 HL314 GI324 DS325 FE312 an189 HL312 FE313 AN289 LV321 gi024
              FE313 DS326 AN290 HL315 LV316 DS326 AN290 FE313 FE318 AN289 LV319 LR342 KI328 HL319 FE318
              DS320 AL335 AN287 GI031 AN289 AL334 DS328 LV348 KI339 AN290 GI319 FE316 FE316 AN289 FE315
              LV318 DS324 AN290 FE314 LV318 HL315 AN289 DS327 LV323 KI325 GI323 FE313 DS325 AN291 HL318
              LV315 VB338 KI336 DS324 VB335 AN286 FE316 HL315 DS327 AN290 AN288 FE318 GI331 KI328 LV321
              FE312 DS328 AN282 FE318 HL316 HL315 KI332 DS326 FE313 AN289 LV320 LV320 KI328 FE314 AN289
              DS324 AN289 FE314 GI327 AN290 FE317 AN289 LV321 GI326 FE315 DS322 AN289 LV319 KI328 gi151
              FE317 DS326 AN287 KI326 GI322 FE318 AN290 LV314 gi149 FE317 AN284 KI326 gi149 FE317 KI326
              FE318 AN289 DS326 LV322 FE313 AN290 FE316 DS327 HL317 AN288 AN289 HL318 FE318 HL316 FE314
              AN290 DS326 HL315 DS326 LV318 KI327 HL315 FE317 DS326 AN288 gi020 AN292 GI326 FE317 LV359
              DS327 AN289 HL317 HL315 LV316 GI018 AN289 FE316 AN290 HL316 fe136 gi025 AN292 DS326 LV315
              KI327 gi143 DS326 DS325 AN289 LV315 HL318 FE314 DS326 DS324 LV317 FE313 AN290 GI017 AN291
              LV319 FE313 DS325 AN289 DS326 FE313 HL314 AN289 LV321 FE315 AN290 HL313 LV318 GI328 LV318
              AN287 DS326 KI326 HL317 FE316 LV325 AN288 DS327 VB045 gi015 gi151 DS321 LV320 KI324 DS326
              AN289 KI325 FE315 LV318 gi019 FE317 DS326 AN286 DS323 LV315 AN290 AN290 DS323 HL320 AN290
              LV316 gi149 HL314 GI346 FE312 GI004 AN290 DS322 HL317 LV319 HL315 GI343 FE316 DS326 VB334
              HL321 FE318 AN286 LV320 HL319 GI330 AN281 HL319 GI330 AN287 HL318 LV314 LV314 HL317 FE310
              DS323 AN289 LV320 HL318 AN289 LV317 HL312 DS323 AN286 FE313 AN288 gi152 AN288 ki016 AN288
              AN287 LV320 LV316 HL316 FE313 DS323 AN290 LV317 HL318 FE314 AN289 GI326 FE314 DS324 AN288
              KI327 LV319 FE314 LV316 KI324 GI323 FE309 DS322 AN289 FE314 DS325 AN290 LV319 FE317 AN290
              LV317 HL320 gi060 LV324 FE315 AN290 AN287 LV320 DS324 LV318 DS324 AN291 FE318 AN283 DS324
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AN288 DS323 AN286 FE316 HL315 gi032 AN289 HL315 AN289 lr040 lv017 ki026 HL318 AN287 HL315
AN288 FE312 AN288 HL315

14=BM 33.64N 68.26E 10914 2755 1deg 1 3 of 3 bearings
741.00
VB027 FE353 LV345

15=BN 57.24N 41.02E 454 132 141deg 5 12 of 12 bearings
742.00 743.00 744.00 745.00 746.00
KI034 FE010 AN358 N2125 N0080 GI032 AN356 GI013 FE012 AN355 LV348 AN355

16=BS 54.61N 52.47E 406 143 121deg 5 13 of 15 bearings
748.00 749.00 750.00 751.00 752.00
BD062 N2113 AL040 BE034 n2140 N0075 bk000 KR070 IT074 GI345 AN352 AN345 FE358 BD060 KR067

17=BT 50.38N 38.21E 662 161 148deg 2 3 of 4 bearings
753.00 754.00
N3155 N0100 bk000 N1128

18=CB 58.81N 7.31E 49 21 91deg 12 19 of 37 bearings
756.00 757.00 758.00 759.00 760.00 761.00 762.00 763.00 764.00 765.00
766.00 767.00
BK000 KI010 PS040 HL333 be026 gi008 BK000 bd065 BK000 bd067 BK000 PS045 LV026 hl323 an298
DS358 fe351 bl080 mu065 BK000 be026 SS034 GI021 BE025 al015 ds352 fe350 gi001 LV349 fe351
ds355 n3120 N0090 GI009 PS022 GI001 al013

19=D3 50.29N 14.70E 47 21 95deg 5 15 of 16 bearings
768.00 769.00 770.00 771.00 772.00
N2180 BD094 bk000 KO060 MU030 IT135 KR099 BD092 BK093 VB036 SS038 BD097 KO051 KR101 RO030
BD097

20=D6 41.26N 27.40E 0 0 0deg 1 2 of 2 bearings
773.00
KI038 AN002

21=DA 51.14N 7.29E 8 2 23deg 14 50 of 67 bearings
774.00 775.00 776.00 777.00 778.00 779.00 780.00 781.00 782.00 783.00
784.00 785.00 786.00 787.00
BK086 SS042 BE048 AL040 kr058 ko070 it085 bl085 mu055 bl062 ko056 kr093 bl110 ko079 BK000
BD091 BE049 LR064 SS035 VB035 PS046 AL040 VB042 SS034 VB045 SS034 LR046 CA047 BE050 SS041
PS043 BE045 ko056 bl065 ro040 n0090 AN329 LR046 BE049 BK000 BD087 BK000 SS035 LR047 VB042
BE045 PS036 VB038 LR046 SS035 SS035 VB029 BK000 RO000 BK075 VB038 SS042 LR048 PS049 it094
KR095 ko080 n0088 BK081 SS037 LR041 BE046

22=DK 51.11N 7.27E 16 1 21deg 22 49 of 78 bearings
788.00 789.00 790.00 791.00 792.00 793.00 794.00 795.00 796.00 797.00
798.00 799.00 800.00 801.00 802.00 803.00 804.00 805.00 806.00 807.00
808.00 809.00
BD080 BK064 BK064 ro070 bd079 BK000 bl105 kr082 ko070 bl090 BD078 RO000 n2150 BK000 CA048
AL043 KI322 BE050 mu045 KR080 ko065 BK000 BK000 KR085 ko078 RO000 kr077 n2140 n0100 BK080
BK000 LR041 BE047 CA043 AL041 GI030 it090 ko062 VB043 SS040 GI034 LR041 CA045 LR042 BE044
SS041 ro035 SS040 mu065 bl100 mu080 ko078 bl085 it097 BK079 BK000 BK000 VB035 VB038 SS045
BK000 mu077 it095 ko074 LR042 BE042 VB039 SS042 RO000 BK000 n1110 BK000 n0085 RO000 BK000
BK000 mu075 ko075

23=DM 50.98N 39.06E 455 76 103deg 5 14 of 19 bearings
810.00 811.00 812.00 813.00 814.00
BD075 bk000 BL088 IT080 BD075 bk000 GI025 AN330 SS038 KR068 RO050 bk000 bk000 bk000 KR073
BL090 IT088 MU080 KO075

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24=DN          19.71N  91.04E  2490 1475  143deg    2     5 of    5 bearings
               815.00  816.00
              FE310 LV315 HL315 KR084 KQ080

25=DP          56.78N  33.16E    67   28  133deg   41   104 of  118 bearings
               817.00  818.00  819.00  820.00  821.00  822.00  823.00  824.00  825.00  826.00
               827.00  828.00  829.00  830.00  831.00  832.00  833.00  834.00  835.00  836.00
               837.00  838.00  839.00  840.00  841.00  842.00  843.00  844.00  845.00  846.00
               847.00  848.00  849.00  850.00  851.00  852.00  853.00  854.00  855.00  856.00
               857.00
              LV008 AN353 FE014 GI025 LV019 AN353 FE011 LR029 AL036 BE040 AN353 N0087 N1118 BD066 N2133
              SS045 AN355 RO030 bk000 BD062 N2130 AN356 LR019 AN355 FE011 AN356 N1125 N0095 N2135 N0090
              GI310 BE036 AL044 ro000 N1120 N0088 RO000 bk000 VB034 AL027 N2133 N1120 n1150 N0085 N3165
              N2145 N1120 N0085 N1120 N0080 VB029 LR037 VB040 SS041 KI023 GI030 DS018 AN355 AL028 N0090
              N2150 SS045 LV317 GI028 AN355 GI038 AL029 VB029 VB030 KI327 AN354 AL028 SS037 PS022 LV018
              LR030 VB035 GI023 AN355 DS006 FE025 N1120 N0090 N1135 N0100 AL029 VB040 BE038 VB033 bk000
              N0088 n1000 VB030 LR034 BE037 ro310 EN093 N3155 N2145 N0100 bk000 n3210 n2200 n0190 IT080
              KQ065 n1150 N0095 N2133 n3149 AN355 GI035 FE014 bk000 AN356 FE014 DS016 AN355

26=DT          37.03S 161.20E 14143 1408  133deg    1     3 of    3 bearings
               859.00
              KR065 IT057 KQ070

27=DU          50.32N 127.71E  1562  471   51deg    4    10 of   10 bearings
               860.00  861.00  862.00  863.00
              LV323 FE318 AN295 HL323 AN299 KI326 AN295 HL318 LV313 HL313

28=DW          54.88N 159.99E   563   91   58deg   15    48 of   48 bearings
               864.00  865.00  866.00  867.00  868.00  869.00  870.00  871.00  872.00  873.00
               874.00  875.00  876.00  877.00  878.00
              FE306 AN280 DS318 FE306 AN282 FE306 AN284 FE305 AN280 FE316 AN281 LV316 AN280 FE314 GI316
              AN282 FE305 LV315 HL322 FE311 DS324 KI324 GI320 FE305 AN282 HL313 GI315 FE310 DS320 AN289
              LV315 HL321 FE311 AN278 AN277 LV315 GI025 AN279 GI314 LV317 HL314 KI329 FE310 DS320 LV316
              LV315 AN276 GI026

29=F           42.37N  59.33W   621  169   79deg    1     3 of    4 bearings
               879.00
              PS060 VB043 ss035 AL081

30=FI          52.56N  13.33E   120    4  101deg    7    11 of   15 bearings
               889.00  890.00  891.00  892.00  893.00  894.00  895.00
              VB029 PS032 VB035 AL034 BL095 KR065 BL051 MU035 n0090 n2140 KR100 BL110 ko080 SS038 bk050

31=FL          57.74N  32.62E   156   55  114deg   10    33 of   37 bearings
               896.00  897.00  898.00  899.00  900.00  901.00  902.00  903.00  904.00  905.00
              VB030 GI029 AL024 HL331 DS005 N3160 n0150 N2145 N1120 N0075 bd086 KI021 AN330 VB035 PS040
              LR036 BE039 FE359 GI032 VB035 AN339 AL023 AN306 GI330 ro000 N0085 VB037 LR014 PS020 AL025
              GI018 DS017 AN338 bk080 VB031 BE038 AL025

32=FR          60.88N  29.48E     0    0    0deg    1     2 of    2 bearings
               906.00
              N2140 N0070

33=FU          53.14N 148.17E  1235  586   92deg    3     6 of    6 bearings
               907.00  908.00  909.00
              HL314 AN282 LV346 HL327 HL325 GI326

34=G3          51.15N   7.27E     7    3  177deg   11    49 of   61 bearings
               910.00  911.00  912.00  913.00  914.00  915.00  916.00  917.00  918.00  919.00
               920.00
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AN335 PS043 AL040 LR046 HL345 n2168 n1158 BD105 n0130 bl136 KR116 it136 ko100 VB044 AL043
AN009 AN003 LR050 BK000 BK000 GI038 AL033 VB020 BD108 it135 mu070 RO000 BK000 BD105 BK000
SS046 PS043 LR050 KI039 CA051 BE054 KR115 bl132 mu115 ko108 it131 LR050 PS040 VB044 BK000
LV028 PS046 AN003 LR050 AL040 LR050 CA049 BE053 AN002 PS044 BK000 BD107 BE053 VB046 PS043
LR051

35=GA    59.22N  31.52E    47   26  133deg   34    61 of   82 bearings
 922.00  923.00  924.00  925.00  926.00  927.00  928.00  929.00  930.00  931.00
 932.00  933.00  934.00  935.00  936.00  937.00  938.00  939.00  940.00  941.00
 942.00  943.00  944.00  945.00  946.00  947.00  948.00  949.00  950.00  951.00
 952.00  953.00  954.00  955.00
N1115 N0075 N2140 N0075 N1115 AN003 LV314 N2150 N0090 VB038 AL032 EN085 BE043 n0090 n3130
N1110 N0070 SS037 n3150 n1090 BD052 bk000 n1105 N3160 N1110 N0080 BD068 N2140 bk000 n0090
N1115 BD054 N2140 N0088 BD057 it043 kr043 it085 KR065 BL055 n0000 bk000 LR020 AN356 N2140
N1121 N1125 N0080 AN358 bk000 KO035 kr065 KR045 ko052 N0084 N3165 N3160 N0090 n0090 N2130
N3155 N2135 N1105 N0085 N1125 N0085 N1119 n0000 N2140 N0070 N3155 n1105 N0075 N2140 N1117
N3175 n0095 bk000 AN356 KI037 AN357 FE030

36=GD    62 61N 163 06E   199   27   73deg   69   310 of  313 bearings
 956.00  957.00  958.00  959.00  960.00  961.00  962.00  963.00  964.00  965.00
 966.00  967.00  968.00  969.00  970.00  971.00  972.00  973.00  974.00  975.00
 976.00  977.00  978.00  979.00  980.00  981.00  982.00  983.00  984.00  985.00
 986.00  987.00  988.00  989.00  990.00  991.00  992.00  993.00  994.00  995.00
 996.00  997.00  998.00  999.00 1000.00 1001.00 1002.00 1003.00 1004.00 1005.00
1006.00 1007.00 1008.00 1009.00 1010.00 1011.00 1012.00 1013.00 1014.00 1015.00
1016.00 1017.00 1018.00 1019.00 1020.00 1021.00 1022.00 1023.00 1024.00
HL326 an328 LV320 FE318 AN294 LV325 HL332 GI328 FE319 AN285 LV323 GI328 AL338 HL327 FE324
AN295 BE031 CA342 AN293 AL340 LR030 GI328 AN293 LV323 FE318 PS336 AL339 KI328 HL327 BE331
GI316 AL335 LV320 HL326 AN293 KI329 CA334 LR340 AN294 AL332 FE319 LV322 DS325 BE339 PS339
LV318 HL320 FE327 DS326 CA330 BE323 AN317 AL317 LR335 AL333 PS334 LV319 KI329 HL326 FE328
DS332 AN303 LV328 KI331 HL324 FE328 DS326 AN304 VB337 FE321 AL335 LV318 HL325 FE323 DS328
AN297 AL334 GI326 FE317 DS325 AN296 AL334 LV319 FE327 AN297 HL334 FE320 AN293 LV334 HL327
LV321 HL326 FE316 DS327 AN294 GI018 FE316 LV323 HL325 FE319 DS326 GI287 LV321 AN295 HL329
AL337 HL326 AN293 LV324 HL327 FE316 AN294 LV327 AN294 LV322 HL333 FE316 AN294 LV322 HL334
FE317 AN292 LV318 AN292 LV317 AN293 AL333 LV318 KI327 HL328 FE329 AN301 LV318 HL327 GI320
DS329 AN296 HL326 LV321 FE320 FE319 AN293 LV317 DS325 LV318 HL327 FE319 GI310 DS320 AN292
LV317 AN291 LV320 FE320 AN294 HL326 AN300 LV323 KI328 HL327 DS320 AN298 LV324 FE318 AN293
HL326 AN289 LV323 LV321 HL334 GI333 AN288 LV322 HL326 AN292 GI027 LV321 GI010 FE318 AN288
LV319 FE316 HL326 DS325 AN286 AN294 HL326 GI023 AN295 KI330 DS327 HL326 FE320 LV325 HL331
VB335 LV319 DS344 FE320 HL335 LV318 AN294 HL334 DS329 AN294 FE316 LV327 FE320 AN295 LV326
AN294 HL335 FE319 FE319 DS327 LV327 AN296 LV326 HL333 FE319 AN294 FE320 LV321 AN295 DS329
AL332 LV324 DS324 AN298 GI330 KI323 PS337 LV329 KI332 GI323 FE326 DS328 AN303 AL333 LV327
GI331 FE324 DS327 AN296 LV327 KI332 FE324 DS327 AN297 LV326 GI329 FE324 AN296 FE323 AN295
KI330 VB334 KI327 FE323 DS326 AN295 AL335 AN295 VB340 PS342 LV317 FE319 DS326 AN301 AL335
VB338 LV322 FE324 DS328 AL335 LV323 KI330 HL330 gi152 FE324 DS329 AN295 FE324 AN295 LV317
HL329 FE322 DS327 AN290 HL329 gi151 FE324 DS327 AN290 FE323 DS338 AN295 VB338 LV324 KI329
HL317 FE324 DS327 AN294 AL335 DS328 LV325 AN331 HL328 FE320 LV323 HL334 AN294

37=GF    58 97N   7.69E    42    9   82deg   36    71 of  118 bearings
1025.00 1026.00 1027.00 1028.00 1029.00 1030.00 1031.00 1032.00 1033.00 1034.00
1035.00 1036.00 1037.00 1038.00 1039.00 1040.00 1041.00 1042.00 1043.00 1044.00
1045.00 1046.00 1047.00 1048.00 1049.00 1050.00 1051.00 1052.00 1053.00 1054.00
1055.00 1056.00 1057.00 1058.00 1059.00 1060.00
LV032 BE021 DS010 bd055 bk056 N0075 HL342 FE359 DS009 BE027 n2100 N0080 LR052 fe359 AN005
an336 PS042 FE359 GI012 n0000 an334 n0000 BE050 DS008 CA049 FE007 AN340 LV001 BK000 an335
bd075 an338 GI008 FE008 BK000 RO000 bd056 SS058 SS058 BK000 bd065 kr060 mu060 it065 ko055
ro070 BK000 ro300 n3115 N0090 DS007 ro040 hl241 AN345 ro030 n3113 n2100 HL344 DS010 an335
DS008 GI019 AN344 LV005 FE003 DS011 FE002 VB020 GI007 n1090 ro030 ko058 it065 bl064 RO000
n3112 ro045 n2110 BE029 N0088 BK000 SS041 PS012 KI033 LR020 it064 ko058 mu060 bl059 SS041
DS006 RO000 n2110 N0085 FE358 DS007 an330 RO000 n2115 LR021 GI015 an331 AL019 RO000 N0073
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          n1088 PS021 FE003 VB019 PS021 HL342 N0070 n2165 n2150 N0090 bd060 bd055 BK000

38=GL      57.06N  32.80E   210  117  101deg    4     7 of   10 bearings
          1061.00 1062.00 1063.00 1064.00
          n2160 N0087 LR018 AN356 lv225 FE022 DS014 an294 N2140 KR059

39=GS      51.47N 137.19E   857  124   49deg   22    70 of   70 bearings
          1066.00 1067.00 1068.00 1069.00 1070.00 1071.00 1072.00 1073.00 1074.00 1075.00
          1076.00 1077.00 1078.00 1079.00 1080.00 1081.00 1082.00 1083.00 1084.00 1085.00
          1086.00 1087.00
          HL315 AN288 LV323 HL320 FE318 DS324 AN289 FE322 AN294 LV320 GI329 FE313 LV322 KI319 FE316
          DS321 AN289 AN286 LV316 AN292 LV316 HL317 AN291 LV315 AN290 DS325 AN288 HL313 FE314 LV314
          KI325 DS322 FE316 AN291 FE316 LV320 HL311 KI325 DS325 HL323 FE333 AN287 AN288 KI327 DS326
          AN288 HL317 LV319 DS326 AN288 FE324 KI326 DS324 AN289 LV321 KI327 GI003 FE318 DS327 AN291
          AN288 SS044 DS319 FE315 AN289 LV318 AN289 FE321 DS327 AN290

40=GU      46.87N  37.50E   398   63  117deg    4     7 of   12 bearings
          1088.00 1089.00 1090.00 1091.00
          N0108 BD093 ro030 N2145 n1120 BK090 BD088 N0105 BK090 n3210 n2200 n0190

41=GV      51.67N   7.27E     9    4    9deg   43    88 of  132 bearings
          1092.00 1093.00 1094.00 1095.00 1096.00 1097.00 1098.00 1099.00 1100.00 1101.00
          1102.00 1103.00 1104.00 1105.00 1106.00 1107.00 1108.00 1109.00 1110.00 1111.00
          1112.00 1113.00 1114.00 1115.00 1116.00 1117.00 1118.00 1119.00 1120.00 1121.00
          1122.00 1123.00 1124.00 1125.00 1126.00 1127.00 1128.00 1129.00 1130.00 1131.00
          1132.00 1133.00 1134.00
          PS020 BE047 SS033 VB036 AN353 VB032 AL034 SS035 b1085 BD075 n0000 n2152 LR045 BE045 AL035
          BD075 n2139 n0000 BD075 b1080 KR075 ko058 it082 n2125 n3160 n0085 n1127 n3125 n0090 n0090
          VB035 LR036 BE042 VB035 SS036 BD070 AN003 BD070 BK000 FE019 VB040 n2136 n0085 BK000 GI025
          AN005 MU050 KR070 BK000 KR070 ko055 mu075 BK000 BK000 mu065 BK000 GI024 AL035 n2130 n0090
          BK000 ro040 BD071 FE016 LV020 DS024 BE044 PS038 CA040 BE044 AL032 b1065 it065 SS026 PS036
          VB035 LR040 AL038 LR037 AL033 VB035 AL034 LR038 VB036 SS048 n0110 BD075 RO000 mu060 ko060
          VB037 LR038 SS040 LR038 PS035 BE043 SS040 DS027 AL033 PS034 LR036 AL035 FE021 SS040 BK000
          ko053 it088 ko054 it089 VB034 PS037 AL038 n1140 n0102 n2153 n0088 BK000 BD072 it090 b1085
          BK000 ko053 KR085 bk075 BK000 VB037 bk079 n0000 n2116 n1091 BK000 AL035

42=GW      58.84N   6.72E    63   15   87deg    5     9 of   12 bearings
          1135.00 1136.00 1137.00 1138.00 1139.00
          VB035 AN337 BK000 PS038 LR039 N0073 n3155 n2142 ro060 BK000 N0100 BK000

43=HD      60.83N 157.76E   388   41   67deg   43   104 of  107 bearings
          1141.00 1142.00 1143.00 1144.00 1145.00 1146.00 1147.00 1148.00 1149.00 1150.00
          1151.00 1152.00 1153.00 1154.00 1155.00 1156.00 1157.00 1158.00 1159.00 1160.00
          1161.00 1162.00 1163.00 1164.00 1165.00 1166.00 1167.00 1168.00 1169.00 1170.00
          1171.00 1172.00 1173.00 1174.00 1175.00 1176.00 1177.00 1178.00 1179.00 1180.00
          1181.00 1182.00 1183.00
          LV321 FE316 LV337 AN293 FE316 AN296 FE318 AN292 FE316 AN292 LV333 an332 GI321 AN290 GI018
          LV331 AN294 AN294 GI023 LV307 AN294 DS327 AN290 LV321 FE316 DS326 HL333 AN293 HL330 GI010
          HL330 AN292 FE321 AN294 LV322 AN293 FE320 HL320 AN295 LV321 GI021 FE319 AN293 LV320 DS326
          hl153 FE321 LV321 FE315 DS327 AN285 GI014 AN292 AN291 LV325 AN291 FE318 GI032 FE318 AN291
          FE322 AN291 HL327 AN292 AN292 HL328 AN289 LV325 FE319 AN294 LV325 FE318 AN289 LV320 FE318
          HL331 AN293 GI330 LV322 HL329 AN292 gi147 GI315 AN290 FE317 DS324 FE318 AN294 HL330 GI335
          AN293 LV321 DS328 HL331 AN293 HL328 AN284 DS329 LV321 FE319 AN291 DS336 AN294 FE319 LV319
          DS329 AN289

44=HM      61.16N 150.00W   829    4  172deg    4     9 of   11 bearings
          1184.00 1185.00 1186.00 1187.00
          LV346 HL334 LV322 h1311 AN345 LV312 h1330 AN004 BK000 AN327 AN327

45=IL      56.50N  37.34E    28   16  109deg   52   157 of  179 bearings
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1211.00 1212.00 1213.00 1214.00 1215.00 1216.00 1217.00 1218.00 1219.00 1220.00
1221.00 1222.00 1223.00 1224.00 1225.00 1226.00 1227.00 1228.00 1229.00 1230.00
1231.00 1232.00 1233.00 1234.00 1235.00 1236.00 1237.00 1238.00 1239.00 1240.00
1241.00 1242.00 1243.00 1244.00 1245.00 1246.00 1247.00 1248.00 1249.00 1250.00
1251.00 1252.00 1253.00 1254.00 1255.00 1256.00 1257.00 1258.00 1259.00 1260.00
1261.00 1262.00
IT071 BL060 N3155 N0082 VB034 SS035 bk045 BD064 IT071 BL062 KO053 BD062 bk000 MU046 KR065
IT070 BL065 KO055 N0082 N2132 N1120 MU060 IT070 KO055 IT070 KO057 BD060 bk000 MU050 IT070
BL060 KO053 BD063 N0083 n3185 bk000 N0090 BD064 bk000 AN334 GI039 ro000 SS039 KI020 AL030
N3150 N2127 n0000 IT068 BL075 N0080 N1118 N1115 N3150 N2132 N1120 N3155 N0082 N2140 RO030
BD065 N1125 N2130 N0090 BD060 bk000 N3146 N1117 N2133 BD060 N2130 N0080 N0085 bk000 N2140
N0088 BD057 MU070 KO060 BD063 N0085 N2140 KR058 IT072 BL065 bk000 SS041 AN002 ro000 BD064
BK060 N0082 BD060 AL034 BD060 bk000 VB027 BE039 AL019 VB040 bk000 MU056 KO052 KR070 bk000
N2115 N0085 SS036 PS034 GI038 BD058 BE045 VB040 SS036 SS037 LR037 GI018 N2135 N0082 N3148
BD060 N2135 N0085 BD068 n2153 N2125 N3150 BD065 N0085 N3170 N0085 BD061 N1105 N2130 bk000
n3175 bk000 N1135 N0080 BD063 N2132 N1120 N0080 BD068 bk000 N2132 N1117 BD062 N0080 N1117
N2135 N0080 BD062 SS040 LV317 HL314 BE040 N1130 N0085 RO040 MU080 VB037 KI032 DS032 AN355
BD064 bk000 MU050 KR074 BL065 IT071 bk000 DS015 BE035 KI015 AN354 FE008 LR032 LV020

46=IR    56.34N  45.01E   484  126  126deg    4     7 of    8 bearings
1263.00 1264.00 1265.00 1266.00
N1105 N0082 KI015 DS013 VB034 AN354 N0080 bk000

47=JA    54.50N  18.86E     0    0    0deg    1     2 of    2 bearings
1267.00
IT080 KO038

48=K7    48.25N  16.29E    76   22  123deg   24    98 of  114 bearings
1268.00 1269.00 1270.00 1271.00 1272.00 1273.00 1274.00 1275.00 1276.00 1277.00
1278.00 1279.00 1280.00 1281.00 1282.00 1283.00 1284.00 1285.00 1286.00 1287.00
1288.00 1289.00 1290.00 1291.00
bk000 N0140 N0137 N0137 mu120 ko104 bl140 BK112 VB041 SS046 LR050 KI039 BE053 BK112 N2165
n0125 bk000 BD110 VB044 SS049 KI051 BE051 LR057 VB045 SS045 bk000 BK110 BD105 BK110 VB043
PS038 LV033 FE022 DS028 CA049 BE053 AN006 LV052 gi140 AN337 FE024 KI038 LR053 AL045 PS046
FE006 VB045 LV005 KI038 AN004 PS042 AN003 SS048 GI324 FE029 AN003 AN003 FE028 KI041 bk000
FE022 CA046 BE052 AN358 N1158 AL045 FE021 DS034 AN003 LV022 BD110 BK119 PS041 BE051 LR052
PS040 LR048 BE052 SS054 LR051 bd000 BK106 BK106 LR054 BE055 LR048 KI040 LR048 KI040 N1158
N0138 n0105 BD114 bk000 RO000 n2150 n1120 n0080 BK120 VB044 BE054 PS045 LR052 CA052 PS045
BE048 RO000 n1140 GI036 LR049 SS041 KI044 AL040 VB046

49=KF    18.30S  79.89E  1163  263   26deg    7    22 of   24 bearings
1309.00 1310.00 1311.00 1312.00 1313.00 1314.00 1315.00
N2140 N0090 FE320 AN298 LV327 DS330 FE320 AN296 LV328 hl349 gi152 FE321 DS329 AN288 GI023
FE320 DS325 LV317 KI323 FE320 DS329 AN296 FE321 AN298

50=KL    47.44N  33.04E   254   49  112deg    1     3 of    3 bearings
1316.00
IT104 KO082 BL104

51=KM    38.02N  67.93E   853  436  166deg    8    24 of   25 bearings
1317.00 1318.00 1319.00 1320.00 1321.00 1322.00 1323.00 1324.00
DS356 AN333 KI325 VB040 LV352 FE346 DS356 AN330 ro000 DS357 N2120 N0090 N1105 AN331 VB014
AL013 HL332 HL331 GI347 HL327 AN332 LV314 AN331 HL331 AN328

52=KR    50.39N 148.87E 14822 1128   59deg    1     3 of    3 bearings
1325.00
DS318 FE308 LV314

53=KU    20.17N 107.55E  1098  375   31deg   17    54 of   55 bearings
1326.00 1327.00 1328.00 1329.00 1330.00 1331.00 1332.00 1333.00 1334.00 1335.00
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                1336.00 1337.00 1338.00 1339.00 1340.00 1341.00 1342.00
                KR075 BL086 MU075 KO063 KI327 FE314 DS326 FE307 HL315 FE307 DS322 AN288 LV321 LV321 FE311
                AN288 FE314 DS327 AN286 LV314 FE307 DS326 LV318 FE307 DS324 LV313 DS325 FE307 LV321 FE307
                DS322 DS338 KI322 HL315 FE306 AN287 LV326 KI324 FE311 HL315 DS324 AN286 gi149 DS321 LV314
                KI329 FE316 DS322 AN288 FE310 AN286 FE311 DS320 FE310 AN288

54=KV            51.11N   7.27E    21    1    8deg  129   355 of  570 bearings
                1343.00 1344.00 1345.00 1346.00 1347.00 1348.00 1349.00 1350.00 1351.00 1352.00
                1353.00 1354.00 1355.00 1356.00 1357.00 1358.00 1359.00 1360.00 1361.00 1362.00
                1363.00 1364.00 1365.00 1366.00 1367.00 1368.00 1369.00 1370.00 1371.00 1372.00
                1373.00 1374.00 1375.00 1376.00 1377.00 1378.00 1379.00 1380.00 1381.00 1382.00
                1383.00 1384.00 1385.00 1386.00 1387.00 1388.00 1389.00 1390.00 1391.00 1392.00
                1393.00 1394.00 1395.00 1396.00 1397.00 1398.00 1399.00 1400.00 1401.00 1402.00
                1403.00 1404.00 1405.00 1406.00 1407.00 1408.00 1409.00 1410.00 1411.00 1412.00
                1413.00 1414.00 1415.00 1416.00 1417.00 1418.00 1419.00 1420.00 1421.00 1422.00
                1423.00 1424.00 1425.00 1426.00 1427.00 1428.00 1429.00 1430.00 1431.00 1432.00
                1433.00 1434.00 1435.00 1436.00 1437.00 1438.00 1439.00 1440.00 1441.00 1442.00
                1443.00 1444.00 1445.00 1446.00 1447.00 1448.00 1449.00 1450.00 1451.00 1452.00
                1453.00 1454.00 1455.00 1456.00 1457.00 1458.00 1459.00 1460.00 1461.00 1462.00
                1463.00 1464.00 1465.00 1466.00 1467.00 1468.00 1469.00 1470.00 1471.00
                SS043 LR027 AN331 AL023 VB028 SS035 LR040 GI032 AL026 ro050 bd073 BK000 SS035 LR042 CA040
                BE047 AL020 al017 GI015 SS035 PS028 BE031 LR027 VB042 SS033 PS057 AL041 FE007 AL041 PS034
                LV350 AN343 BK000 AN332 fe311 SS034 VB039 LR040 AN337 kr078 mu080 kr075 ko080 it080 bl092
                n0083 bd073 BK000 SS035 an333 GI344 ro250 BK000 bd075 KR078 it080 bl085 ko080 BK000 ro000
                n0083 BK000 n2100 n0078 BD073 BK077 HL325 bl085 it084 kr076 ro065 BD073 BK000 n0087 BK000
                BD075 n2110 LV334 HL332 bd077 BK075 mu081 it095 BK000 bd077 ko063 it085 bl080 BK000 HL329
                HL325 BK000 bd076 kr080 bl081 it085 ko075 BK000 BK000 SS045 bd074 BK073 n1098 ko072 kr080
                bl080 it085 n2115 n0090 ko073 bl079 it086 ro030 n0087 BK000 RO000 bd072 BK000 bl081 it085
                kr081 ko075 PS037 SS036 CA053 BK071 AL036 LR039 PS032 BE038 VB032 PS038 LR042 BE040 AL038
                BK000 SS035 PS040 LR040 bd066 BK066 BK073 PS026 HL330 LV005 CA035 LR032 FE007 ki324 DS008
                AL025 BE039 AN329 SS037 n0083 bd070 BK000 VB035 PS026 BE043 AL037 BK000 HL331 FE358 an322
                BK070 bd067 BK070 n0088 n2140 HL326 n1100 n0085 BD075 BK000 it080 kr074 bd074 BK000 BK000
                it085 kr070 bl085 ko068 kr071 bl080 kr077 it080 bl085 SS031 AL038 KI040 SS036 BK000 n0000
                kr075 ko070 it070 bl085 BD073 n0083 bd072 BK000 SS037 BD075 BE041 LR059 SS032 AL045 n0085
                n2125 BD075 ro030 n0088 bd073 BK000 n1103 LV325 DS332 DS344 lv316 an285 BK000 LV096 SS035
                DS328 HL305 LV323 LV325 GI025 HL310 kr060 ko080 HL317 RO000 BK000 bd073 BK074 LV351 DS349
                BK000 DS336 lv308 GI038 SS036 LV324 HL321 DS345 LV328 HL312 DS340 n0084 n3165 bd070 BK074
                DS351 VB040 SS040 PS035 GI027 RO000 BK000 VB034 SS035 PS040 LR040 AL036 PS038 VB035 VB035
                PS041 LR038 AL039 PS040 SS035 AL030 LR049 VB040 AN330 SS035 SS032 it085 kr080 ko073 bl080
                ro030 LR026 BE041 SS043 AL040 RO000 bd073 BK000 bd075 ko065 bl075 it087 SS035 PS040 SS033
                LV331 n0085 BD076 BK000 kr080 bl080 it085 ko073 SS034 BK000 n0085 BK000 SS040 BK000 BK075
                PS013 AL020 BK074 bd076 n0085 n1099 BK000 RO000 bd077 BK000 AL038 SS041 VB028 BK000 VB024
                BE032 SS038 n0090 BD075 bl088 BK000 n3115 n1095 bd072 BK000 BK000 n0085 bd074 AN341 BE035
                GI021 AL021 VB030 SS035 LV328 SS040 LR027 AL030 an339 PS042 LR025 VB035 SS035 AL020 BK074
                n0100 BK000 SS031 AL013 n3116 n1100 SS034 LR018 GI060 AL030 gi318 ds327 n1135 n0100 BD070
                n3140 n0090 BD075 BK000 BK000 bd078 AL022 PS040 CA029 be030 SS035 KI019 AL037 DS015 GI008
                BK000 bd075 n0098 n0110 kr080 bl090 it090 n0116 n0082 bd074 n1101 bl070 it075 ko075 SS034
                PS041 GI020 VB046 DS034 n0082 SS036 VB027 AL039 BK000 BE042 VB347 SS037 bd074 n0080 mu080
                BK000 KI323 DS356 n0089 n1114 BK090 n2139 n0089 bd075 n2115 BK000 SS036 LR037 AN330 VB040
                SS036 BE031 BK000 VB013 SS036 PS000 GI017 al358 BK000 VB024 SS036 PS016 LR018 BK000 BK000
                SS034 GI011 en097 bd075 n0083 bd075 BK000 it081 VB026 SS037 LR025 KI015 GI033 BE032 n2135
                n0083 n3155 bd075 BK000 n3115 n0100 VB025 SS034 LR024 BE033 BK000 BD075 BK000 N0195 SS037
                n1100 n0085 bd075 n2140 n0100 bd077 bl085 it075 BK000 ko068 DS007 SS034 BE035 n0078 BK000
                SS044 SS038 KI021 BE043 BK000 BE032 VB035 n2109 bd075 BK000 n3119 n0000 it085 bl090 ko072
                VB024 PS021 CA027 be030 lv317 LR021 KI342 CA034 be030 AN330 RO000 n3118 n0088 bd072 BK000
                SS032 DS001 AN332 AL019 n0088 BK000 BK000 DS010 LV033 ro060 bd074 BK000 n0085 AL040 BE032
                SS036 BK000 BK000 SS037 bd071 BK000 mu073 n0082 AL040 bl095 kr075 VB038 SS042 BE035 RO000
                n0085 bd075 kr080 it095 bl085 ko073 BK075 BE046 SS038 VB020 SS041 BK000 SS039 gi006 KI031

55=L4            49 19N  14.54E    63   19  117deg   26   192 of  212 bearings
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1472.00 1473.00 1474.00 1475.00 1476.00 1477.00 1478.00 1479.00 1480.00 1481.00
1482.00 1483.00 1484.00 1485.00 1486.00 1487.00 1488.00 1489.00 1490.00 1491.00
1492.00 1493.00 1494.00 1495.00 1496.00 1497.00
BD104 bk000 N0140 N2165 n0125 SS051 SS054 PS042 GI030 BE053 PS044 VB047 FE023 AN002 VB044
SS047 LV025 LR050 KI038 GI036 FE021 DS031 BE052 AN003 AL049 VB043 SS044 PS044 LV029 LR049
KI040 FE021 DS028 BE053 AN002 AL048 BK114 PS014 LR011 KI039 GI030 BE024 BD105 N0210 n3296
n2218 BD090 BK112 N0130 SS043 AL048 LR049 KI039 GI035 PS045 FE027 DS032 LV027 VB044 BE052
AN002 AL048 VB044 SS043 KI039 GI038 BE052 KR120 ko105 bl126 it134 VB043 LR048 SS043 FE027
DS032 LV028 BE051 AL048 VB048 LR046 LV031 KI038 FE032 GI041 PS042 BE054 DS029 AN004 LR048
VB044 KI038 BE052 AL048 BK114 bk000 LV024 DS032 GI037 BE052 LR048 AN002 VB043 AL048 SS046
PS044 LV023 KI036 LR048 GI037 BE053 AL044 AL043 BE053 FE037 SS043 DS033 LR049 GI037 PS042
bk000 SS043 VB045 LR047 GI037 DS033 BE050 AL036 PS038 FE024 bk000 SS054 PS044 GI038 FE024
DS036 CA049 BE052 AL043 SS054 PS043 GI038 bk000 PS043 LR050 FE025 LV027 DS032 AN003 CA049
BE053 BK105 SS054 PS045 LR030 BE051 KR120 it140 n3110 n2100 n0073 KO058 bl130 it135 SS056
VB046 LR050 DS031 PS043 CA051 AL045 BE053 N0132 BD105 SS054 PS044 LV026 LR050 KI038 DS031
CA050 BE053 SS054 PS044 KI038 CA050 BE053 LR049 KI039 CA050 BE052 AL044 N2168 n1158 N0131
BD105 BK119 CA050 BE052 SS050 PS044 LR050 KI039 GI039 DS031 BK106 KR110 IT130 AN001 SS050
n1125 n0085

56=LF 51 13N 7.28E 7 1 11deg 75 141 of 239 bearings
1510.00 1511.00 1512.00 1513.00 1514.00 1515.00 1516.00 1517.00 1518.00 1519.00
1520.00 1521.00 1522.00 1523.00 1524.00 1525.00 1526.00 1527.00 1528.00 1529.00
1530.00 1531.00 1532.00 1533.00 1534.00 1535.00 1536.00 1537.00 1538.00 1539.00
1540.00 1541.00 1542.00 1543.00 1544.00 1545.00 1546.00 1547.00 1548.00 1549.00
1550.00 1551.00 1552.00 1553.00 1554.00 1555.00 1556.00 1557.00 1558.00 1559.00
1560.00 1561.00 1562.00 1563.00 1564.00 1565.00 1566.00 1567.00 1568.00 1569.00
1570.00 1571.00 1572.00 1573.00 1574.00 1575.00 1576.00 1577.00 1578.00 1579.00
1580.00 1581.00 1582.00 1583.00 1584.00
mu080 kr072 ko060 CA039 AL038 BE040 GI030 AL036 ko075 bl109 it114 ko080 mu085 mu043 ko090
bk000 RO000 mu035 it090 ro000 bk000 ro035 mu080 ro020 ko081 RO000 BK000 ro050 BK000 BK000
ro030 ko084 KR068 bl120 ro030 n0115 BK054 RO000 BK000 RO000 ko082 mu078 BK000 ro000 ko080
RO000 BD095 mu080 ko055 ro040 BK000 ro030 BK000 BK000 RO000 ro030 it075 ko052 RO000 BK000
KR097 ko080 ko075 KR092 bl118 kr098 ko078 mu085 mu040 ko055 it085 RO000 BK000 RO000 BK000
ro040 BK000 ko060 AN359 BE050 SS042 KI037 LR044 LR038 CA042 BE043 BE048 AN357 n0116 BD087
PS035 LR039 GI027 VB032 BK090 it109 mu050 ko078 BK076 kr070 BK076 LV027 FE021 DS034 BE043
AL041 VB045 LR045 AL040 BK093 KR095 VB043 LR044 ro010 BK000 ko056 ko085 KR096 VB041 LR048
BE050 CA049 ro280 BK000 PS037 LR043 BE046 LR027 GI024 BE048 mu075 KR080 it078 bl085 ko070
VB040 BE051 SS045 VB043 BK000 BK000 ro050 ko084 AL038 SS040 PS039 LR045 RO000 BK058 ro030
KR080 it095 it095 bl070 ko075 ro070 n0085 RO000 ko075 it080 en100 BD091 SS038 VB042 LR044
VB039 PS041 GI032 n0120 BD091 BK000 RO000 BD090 n3160 n0082 LV013 AN001 n2150 n1145 n0105
n0090 mu086 ko084 SS002 n0119 BD091 BK000 bl115 KR095 BK000 VB040 BE050 ro030 BD091 BK000
ro070 BD078 BK000 bl110 BK000 RO000 bd072 BK088 mu095 ko081 it113 bl100 kr091 LR023 CA049
SS045 PS041 BE049 LR046 SS041 VB043 BK000 GI031 CA045 AL040 BE044 KI033 LR040 SS042 VB038
n1115 mu089 RO000 n0110 BD091 ko074 bl110 it114 VB034 BE045 AL038 BK000 VB039 AL039

57=LK 51 76N 7.30E 5 3 19deg 117 253 of 445 bearings
1585.00 1586.00 1587.00 1588.00 1589.00 1590.00 1591.00 1592.00 1593.00 1594.00
1595.00 1596.00 1597.00 1598.00 1599.00 1600.00 1601.00 1602.00 1603.00 1604.00
1605.00 1606.00 1607.00 1608.00 1609.00 1610.00 1611.00 1612.00 1613.00 1614.00
1615.00 1616.00 1617.00 1618.00 1619.00 1620.00 1621.00 1622.00 1623.00 1624.00
1625.00 1626.00 1627.00 1628.00 1629.00 1630.00 1631.00 1632.00 1633.00 1634.00
1635.00 1636.00 1637.00 1638.00 1639.00 1640.00 1641.00 1642.00 1643.00 1644.00
1645.00 1646.00 1647.00 1648.00 1649.00 1650.00 1651.00 1652.00 1653.00 1654.00
1655.00 1656.00 1657.00 1658.00 1659.00 1660.00 1661.00 1662.00 1663.00 1664.00
1665.00 1666.00 1667.00 1668.00 1669.00 1670.00 1671.00 1672.00 1673.00 1674.00
1675.00 1676.00 1677.00 1678.00 1679.00 1680.00 1681.00 1682.00 1683.00 1684.00
1685.00 1686.00 1687.00 1688.00 1689.00 1690.00 1691.00 1692.00 1693.00 1694.00
1695.00 1696.00 1697.00 1698.00 1699.00 1700.00 1701.00
LR045 VB037 ro250 BE045 BK000 ro030 KR067 it074 bl065 ko050 SS042 BE043 ro030 BD067 BK000
it069 bl067 KR067 ko040 ko040 mu025 SS045 LR020 RO000 n3185 it067 bl060 mu040 KR060 ko047

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it075 RO000 bk056 mu045 kr065 ko048 bl080 ko040 bl062 it076 KR065 BD067 BK000 SS043 BE037
AL035 RO000 BD070 bk053 SS037 GI022 mu045 KR065 bl060 ko048 bl096 ko070 KR064 it078 n0110
BE043 bd027 VB036 n0070 n2165 BD067 BK000 ro030 BD068 BK000 RO000 BD067 BK000 n0088 n1150
bd065 BK000 BE041 LR041 n1130 BD065 BK000 SS045 BE043 ko042 KR065 it069 bl085 n1150 n0090
bd065 BK000 LR051 SS040 ko042 bl061 mu027 bk045 bd066 bk050 BK000 it075 kr065 ko036 bd063
BK000 n0082 bd066 BK000 it074 KR062 ko042 bl060 VB033 SS040 LR042 VB033 LR042 bd065 ro100
n2160 n1125 n0095 BK000 ko045 KR066 it076 bl060 n1145 n3170 n0090 BD068 KR065 it075 ko043
BE043 SS035 VB037 ro030 n0105 BD064 bk057 ko043 KR064 it076 bl060 BE050 LR045 BK000 bl070
ko050 it070 bl065 bd065 BK000 bd066 bk057 ro030 BE041 SS039 LR025 BD067 BK000 n0102 LR030
VB037 SS040 n0100 ko050 bl060 n0087 n1121 n0000 BD075 n2158 n1149 n0103 SS039 VB035 BE052
PS032 LR039 LR039 BE042 SS040 VB036 bk066 VB033 SS040 LR042 BE042 n1125 n0095 GI043 BE041
AL031 bd067 BK000 n1131 n0091 LR039 BE042 ki331 n0103 BK000 LR042 AN357 LR040 BE048 AN353
SS044 PS037 LR041 BE047 VB035 LR039 BE044 n0100 BK000 en093 VB034 SS039 LR041 BE042 SS039
BK000 SS040 LR046 VB034 LR017 BE052 SS039 VB035 SS040 VB035 LR040 ro040 n2150 n0110 VB036
BE042 n3160 n2145 N0150 BE041 AL033 n3160 n2125 n0085 n1127 BK000 BD070 bd064 BK000 VB034
FE021 BE038 AN335 LV023 LV030 FE021 GI318 AN003 VB039 PS035 AN359 VB036 AL037 BK000 n1152
bd066 ko075 n0120 n1135 bk062 n3135 n0082 BK000 bd062 SS039 mu043 KR065 ko045 n2125 n0080
BD068 it074 bl065 ko046 BD060 CA039 PS022 AL034 BE043 bl065 n2145 n0085 n1130 BK000 bd065
BK000 AN358 PS035 LV013 FE021 FE021 AN003 LV012 BK000 BD066 BD067 BK000 an294 SS037 LR041
BE043 bk040 n0090 bd064 n0140 BD068 bk062 n1145 BD067 VB032 PS038 LR042 CA040 BE042 VB037
BE045 VB035 LR039 BE043 VB038 LR039 RO000 BD070 KR070 it085 it080 ko070 n0099 n2139 n1110
GI034 DS030 AL032 KI032 AN353 BK000 n3155 n2145 n0100 bd062 LR040 BE046 AN001 BE044 VB037
BK000 n2130 n1135 n0090 LR040 BE044 N3210 N2200 n0190 VB034 AL037 n1150 n0095 it078 KR060
ko045 bd069 KR060 RO000 n0090 n1135 PS035 BE041 n2168 n3188 n1153 SS039 PS039 AN355 VB035
PS038 AL036 RO000 BD075 BK000 KR070 mu040 ko040 VB045 SS037 ro030 n2170 n0107 VB035 BE044
n3175 n0095 VB042 SS044 BE046 KR065 ko052 it070 bl085 AN358 VB034 LR025 n2140 n0100 VB035
SS039 LR015 GI029 n2145 n0104 VB032 SS036 KI033 GI020 CA037 BE042 bk068 bd068 bk068 SS038
RO000 BD067 BK000 RO000 BK000 mu047 KR070 it078 bl060 ko045

58=LR    59.00N  31 96E    33   21   92deg   42   102 of  144 bearings
1712.00 1713.00 1714.00 1715.00 1716.00 1717.00 1718.00 1719.00 1720.00 1721.00
1722.00 1723.00 1724.00 1725.00 1726.00 1727.00 1728.00 1729.00 1730.00 1731.00
1732.00 1733.00 1734.00 1735.00 1736.00 1737.00 1738.00 1739.00 1740.00 1741.00
1742.00 1743.00 1744.00 1745.00 1746.00 1747.00 1748.00 1749.00 1750.00 1751.00
1752.00 1753.00
N2130 n3180 N2140 N3160 SS032 VB032 AL028 KI023 RO030 BD058 bk000 N3158 N0076 N1117 N0076
n2141 N1116 N1117 N2143 bk000 N2140 BL070 N3150 N2135 N1116 n2115 BD054 N1110 bk000 ro110
ro000 n1105 bk000 ro000 n3150 n1090 bk000 RO040 MU045 KO038 N1130 N0075 bk000 KO040 ro000
MU050 KR055 KO038 IT062 ro240 it077 MU040 ko060 KR070 bk000 N0075 ro320 bk000 ro070 KO038
BL040 MU048 kr070 KO060 RO020 bk000 KR060 BL065 ko440 bk000 MU045 KO044 KO035 IT065 bk000
bk000 ro000 KO035 IT060 MU040 KR068 KO050 BL050 ro000 BL045 KO055 it080 BL060 ko035 KR060
MU045 bk000 GI032 AN357 CA318 LR335 SS034 VB032 BE307 N2150 N1120 N0080 BD053 VB030 SS033
bk000 BK047 BD052 SS034 bk000 N0070 BD053 bk000 n1140 ro000 KR062 IT057 SS030 GI023 SS031
GI020 bk057 KR057 KO045 n3000 N1121 N2140 N1121 N0078 BD052 BL060 IT055 N1121 N0078 N2141
BD050 N0085 bk000 N0078 N1114 SS042 PS024 LR030 KI025

59=LU    47.03N 138 34E   548  161   51deg   25    80 of   80 bearings
1754.00 1755.00 1756.00 1757.00 1758.00 1759.00 1760.00 1761.00 1762.00 1763.00
1764.00 1765.00 1766.00 1767.00 1768.00 1769.00 1770.00 1771.00 1772.00 1773.00
1774.00 1775.00 1776.00 1777.00 1778.00
LV313 FE307 LV314 FE307 AN279 LV315 AN287 FE307 LV312 FE307 DS321 AN283 HL313 AN285 FE307
DS325 DS326 AN290 LV322 FE308 LV317 AN289 LV320 FE311 DS322 AN288 AN282 FE306 KI322 LV322
DS320 LV320 KI317 HL316 FE311 DS322 AN284 FE312 AN285 FE306 AN279 HL311 GI356 AN283 HL310
DS328 AN284 LV318 DS318 FE307 HL311 KI321 LV327 HL312 AN284 AN282 LV317 HL310 LV319 AN277
FE307 LV318 HL310 FE306 AN289 FE307 AN291 HL322 LV312 HL312 LV318 AN283 HL311 AN287 LV315
HL315 AN283 LV316 HL311 AN290

60=LV    42.94N  75.81E  6213  336  127deg    1     3 of    3 bearings
1779.00
KR075 KO070 IT076
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61=M3          58.27N  16.54E   114    76  112deg    5     13 of   15 bearings
              1780.00 1781.00 1782.00 1783.00 1784.00
              N1165 N0090 N2170 AL035 AN004 bd097 SS042 VB043 LR047 RO000 N0090 bd092 KI025 GI021 BE051

62=M7          44.07N  23.72E  1017   448  142deg    5     15 of   15 bearings
              1785.00 1786.00 1787.00 1788.00 1789.00
              VB043 BE055 KI038 DS032 AN002 VB047 PS336 FE027 AN004 BE053 PS046 KI048 SS049 GI039 AN004

63=MA          65.86N   7.30E  1415    96    0deg    2      6 of    7 bearings
              1790.00 1791.00
              VB037 LV017 FE012 DS022 BK000 it100 BK000

64=MB          55.54N  23.19E   125    74   98deg    7     13 of   17 bearings
              1792.00 1793.00 1794.00 1795.00 1796.00 1797.00 1798.00
              BE047 VB036 BD066 VB033 LR040 HE041 n2135 n0085 bk042 1T062 N0103 N1148 BD067 KR070 bl080
              LV032 FE026

65=MG          51.10N   7.27E    35     1   10deg  125   379 of  634 bearings
              1799.00 1800.00 1801.00 1802.00 1803.00 1804.00 1805.00 1806.00 1807.00 1808.00
              1809.00 1810.00 1811.00 1812.00 1813.00 1814.00 1815.00 1816.00 1817.00 1818.00
              1819.00 1820.00 1821.00 1822.00 1823.00 1824.00 1825.00 1826.00 1827.00 1828.00
              1829.00 1830.00 1831.00 1832.00 1833.00 1834.00 1835.00 1836.00 1837.00 1838.00
              1839.00 1840.00 1841.00 1842.00 1843.00 1844.00 1845.00 1846.00 1847.00 1848.00
              1849.00 1850.00 1851.00 1852.00 1853.00 1854.00 1855.00 1856.00 1857.00 1858.00
              1859.00 1860.00 1861.00 1862.00 1863.00 1864.00 1865.00 1866.00 1867.00 1868.00
              1869.00 1870.00 1871.00 1872.00 1873.00 1874.00 1875.00 1876.00 1877.00 1878.00
              1879.00 1880.00 1881.00 1882.00 1883.00 1884.00 1885.00 1886.00 1887.00 1888.00
              1889.00 1890.00 1891.00 1892.00 1893.00 1894.00 1895.00 1896.00 1897.00 1898.00
              1899.00 1900.00 1901.00 1902.00 1903.00 1904.00 1905.00 1906.00 1907.00 1908.00
              1909.00 1910.00 1911.00 1912.00 1913.00 1914.00 1915.00 1916.00 1917.00 1918.00
              1919.00 1920.00 1921.00 1922.00 1923.00
              it086 ko070 mu080 bl092 ko083 kr080 bl100 it085 it085 bl093 kr075 ko065 BK068 it088 mu079
              ko075 bl095 kr082 PS044 VB040 SS034 BE044 AL038 BK000 SS040 LR038 BE046 AL039 PS043 BK078
              bl080 it090 kr074 ko080 BK000 KI033 AL023 GI031 LR040 SS036 PS041 ko045 bl090 kr076 ki324
              fe317 ds323 an290 SS042 BE031 BK082 ro000 n3150 n2120 n0090 bd071 BK079 VB030 SS040 PS032
              LV357 LR043 HL327 FE357 BE032 AN332 ki332 ds326 lv310 HL322 BK080 BK000 n0085 ro270 BK000
              n0090 LV325 LR028 HL328 FE353 DS005 CA030 be035 AN333 AL027 VB025 SS042 lv303 FE357 ds327
              an331 BE033 AN333 VB035 SS041 HL324 DS350 n2140 n1100 n0080 bd072 BK000 HL326 AN333 VB030
              SS042 HL325 ds327 BE033 AN333 AL041 bd074 kr075 ko070 it083 bl098 mu080 kr080 ko089 bl090
              BK000 LV355 HL330 fe353 AN330 VB027 PS028 LR033 KI030 GI024 SS038 LR034 CA030 BE035 VB027
              FE347 GI049 AL047 PS040 ds327 PS043 ki321 AL046 fe348 VB040 SS038 BE030 AL028 fe354 PS029
              VB036 AN330 VB032 BK000 VB031 SS040 PS029 LR038 be031 AL032 VB031 SS039 LR038 be031 BK000
              SS044 LR026 be035 lv315 HL328 BK000 BK000 AN334 HL332 FE353 SS036 LR030 HL331 fe353 BE035
              CA030 AN332 BK073 BE035 CA030 BK000 SS037 PS332 HL322 FE357 BE037 AN337 AL031 n0085 n2110
              n3120 SS036 LV355 LR034 HL327 GI020 BE035 AN331 AL038 ro000 bd077 BK000 AN331 PS025 LR028
              ds359 PS022 LR021 mu080 kr080 bl090 it086 BK000 bd065 bd076 BK000 n0087 SS040 lr337 AL036
              n3140 n0088 bd074 BK000 BK000 SS037 AN330 SS040 BE043 BK000 BE044 SS040 kr075 ko070 it083
              bl090 LR036 SS038 n2125 BK074 n0085 BK083 bd075 n2134 n1000 bd073 n0081 n1106 ko080 mu080
              it090 bl090 ro020 bd076 BK000 VB031 SS040 be011 an333 BK000 BK081 SS033 BK000 ro040 n0090
              bd073 BK000 VB038 SS036 SS039 LR046 BE048 AN330 SS039 LV017 BE044 an330 VB040 SS037 BE025
              an332 n2114 n0082 AL044 VB035 SS033 PS045 LR040 CA043 BE045 bd074 BK000 bd078 SS035 bd075
              ro000 n0085 kr077 VB035 SS040 BK000 BK048 SS035 n1120 n0085 BK000 SS035 n2135 n0087 PS040
              SS036 AN359 LR035 BE040 kr076 LR035 PS030 GI328 LR051 VB030 LR031 AL027 n1095 n0080 bd070
              BK000 VB030 BE034 BK000 bd070 LV340 DS345 lv325 DS347 AN335 SS035 AL025 BK000 BK000 n0088
              n3155 bd068 VB027 PS029 LR026 KI030 be034 AL034 VB037 PS039 AL044 VB033 PS038 BE034 AL044
              VB040 PS041 LR044 KI039 AL046 BK000 VB038 PS036 LR040 AL039 KI040 PS060 AL025 lr019 VB036
              SS039 GI013 bl080 it090 n3120 n1105 n0085 n2125 n0090 n1105 BK000 SS044 VB025 LR030 ca025
              be030 VB022 SS038 CA026 BE030 LR029 n0150 VB025 SS044 PS022 LR024 CA020 be034 PS018 AL027
              an329 n0080 bd077 n1105 n2145 ro000 BK078 mu075 kr083 it095 ko078 LR326 GI001 AN331 al342
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SS045 SS036 LR327 GI028 BK000 BK000 GI017 SS041 LR041 SS054 LR348 SS039 lr325 BK000 n0104
BD090 hl321 DS011 VB037 SS042 PS036 ko090 it086 mu080 kr080 bl090 ko090 kr080 bl090 it085
n0080 n1105 VB052 GI013 LR032 be031 BK000 SS041 HL322 BK000 SS036 LR022 BE035 SS035 PS021
n3139 n2113 n0085 n1100 bd072 BK075 kr080 bl090 it085 ko079 n3147 n0087 n2113 LV351 an331
VB025 SS034 PS026 VB026 PS023 LR023 GI012 BE035 BK000 VB026 PS022 SS035 bd075 BK000 en098
kr080 ko080 it087 BK000 n1102 n0084 SS040 KI049 n1102 n0084 mu080 ko090 kr080 bl092 it085
BK000 kr080 bl092 it084 KR080 ko080 it074 it074 bl095 it087 kr082 bl090 it088 BK000 LV017
LR025 an337 bd071 it086 bl090 n3124 n1102 n0084 VB024 SS036 PS028 KI048 n1102 ro060 n0090
n2130 BK077 SS039 an328 ko085 BD080 it080 n2116 n3125 n2130 n1135 n0090 bd075 BK000 bd075
BK000 en095 SS037 PS023 BE032 n2110 n3120 VB036 SS037 BE031 BD075 LR025 PS024 CA028 BE031
VB024 kr077 it085 ko080 n2110 n1101 n0086 BK000 VB027 SS035 LR029 KI024 PS025 fe356 PS022
KI014 HL326 GI012 fe354 DS009 al018 n0114 ko075 it082 CA028 BE032 al019 VB026 KI014 AL023
BK081 VB035 SS033 AL043 BE035 SS037 bd072 n0085 BK080 bd068 it090 bl090 kr077 ko078 SS035
PS040 LR039 BK000 SS037 PS040 AL040 GI037 LR043 GI055 SS041 BK000 KI006 LV352 ds358 n1101
n0086 SS036 CA020 BE035

66=ML 62.56N 168.71W 461 46 92deg 13 41 of 41 bearings
1924.00 1925.00 1926.00 1927.00 1928.00 1929.00 1930.00 1931.00 1932.00 1933.00
1934.00 1935.00 1936.00
AL333 DS325 LV320 AN284 FE314 AN284 FE312 DS323 LV319 FE316 DS324 AN292 LV317 DS325 FE308
LV324 FE316 DS327 AN291 LV314 FE316 DS324 AN290 FE316 DS322 AN287 HL322 HL311 LV322 LV318
AN289 FE322 DS324 AN292 LV322 HL319 DS324 LV316 AN331 GI331 AN291

67=MR 51.50N 12.58E 124 68 83deg 5 10 of 11 bearings
1937.00 1938.00 1939.00 1940.00 1941.00
RO000 bk000 RO000 BK082 SS040 LR042 BE045 CA047 LR041 CA040 BE044

68=MS 52.94N 12.45E 0 0 0deg 1 2 of 2 bearings
1942.00
RO000 BK058

69=MV 50.48N 27.46E 0 0 0deg 1 2 of 2 bearings
1979.00
IT100 KO070

70=MW 54.07N 155.37E 2491 192 54deg 2 4 of 4 bearings
1980.00 1981.00
HL325 AN281 KI326 DS320

71=MX 69.21N 29.68E 109 36 126deg 6 9 of 12 bearings
1982.00 1983.00 1984.00 1985.00 1986.00 1987.00
n1150 n0088 N3128 N2087 N2087 N3120 N3145 n2120 KI028 AN359 KI029 AN359

72=N9 44.59N 30.30E 9980 536 130deg 2 8 of 8 bearings
1988.00 1989.00
VB040 PS040 LR044 BE051 BE049 LR047 GI035 AL037

73=NA 49.95N 31.88E 102 27 104deg 8 25 of 30 bearings
1990.00 1991.00 1992.00 1993.00 1994.00 1995.00 1996.00 1997.00
IT100 MU076 KO070 bl103 BD082 N0108 bk098 N2150 IT101 MU075 BL097 KO075 MU078 BL100 KR083
KO070 KO073 MU075 N0100 N1140 bk100 BD081 BK093 BD081 bk094 N1140 N0108 BE045 BD082 bk000

74=ND 57.66N 31.46E 166 77 146deg 3 6 of 12 bearings
1998.00 1999.00 2000.00
VB035 SS034 n1000 n3000 n2130 bd082 n0000 N3166 N2139 n1091 N1125 N0085

75=NJ 53.25N 44.70E 944 118 99deg 2 6 of 7 bearings
2037.00 2038.00
KR070 KO062 bl070 IT080 MU070 MU061 IT075

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76=NK          51.52N   7.27E      4     3     9deg    52    176 of   297 bearings
               2039.00 2040.00 2041.00 2042.00 2043.00 2044.00 2045.00 2046.00 2047.00 2048.00
               2049.00 2050.00 2051.00 2052.00 2053.00 2054.00 2055.00 2056.00 2057.00 2058.00
               2059.00 2060.00 2061.00 2062.00 2063.00 2064.00 2065.00 2066.00 2067.00 2068.00
               2069.00 2070.00 2071.00 2072.00 2073.00 2074.00 2075.00 2076.00 2077.00 2078.00
               2079.00 2080.00 2081.00 2082.00 2083.00 2084.00 2085.00 2086.00 2087.00 2088.00
               2089.00 2090.00
               ro000 n1117 n2135 n0093 n0083 KR078 AL023 an338 PS034 LV025 SS035 LR040 VB034 DS029 fe229
               LR044 GI010 SS038 an333 SS038 LR045 SS038 an333 n0090 PS038 BE027 an328 HL326 SS035 BE048
               AL024 PS043 BK000 VB020 HL326 FE006 n0088 BD077 SS041 it090 ko080 bl090 BK000 ro070 BK000
               bd079 SS035 gi332 an331 ko080 mu084 bl095 it090 KR084 ro055 n3120 bd077 BK000 HL323 KR082
               ko070 bl090 it087 BK000 BK000 PS028 LV349 LR028 HL324 fe351 DS004 an333 VB027 AL023 BK000
               LV348 AN336 SS036 LV348 VB030 VB027 SS036 LV349 LR026 HL323 be031 AN352 LV349 HL323 AN352
               VB027 SS053 LV359 BE048 AL024 BK000 LR030 CA032 an333 BE037 DS003 VB024 SS036 LR028 SS036
               ds002 an329 CA028 be031 VB023 HL326 HL329 be033 an332 al017 SS036 bk074 ro000 BD075 SS041
               an331 VB037 SS038 HL325 fe353 an328 AL022 ro000 VB025 SS049 be031 al018 al018 LV358 fe355
               DS003 an329 BK000 BK000 BK000 SS039 LV024 HL332 ds002 an328 ro000 n2110 n0085 bd075 BK000
               SS038 LR028 HL331 GI009 FE356 DS004 an330 VB029 lv344 HL322 GI013 an328 ro000 n0088 bd077
               BK000 mu080 KR085 ko079 bl088 it090 fe351 lv347 SS036 LR030 BE034 AL016 BE033 KI016 lr346
               AL018 an330 SS036 LV352 hl324 fe354 an332 ro000 n0085 SS051 SS036 CA047 DS007 BE050 LV358
               fe339 n0090 ro000 VB017 BE034 SS038 hl325 FE002 DS358 an333 SS036 PS021 HL332 GI014 FE355
               DS006 be033 DS002 hl324 an333 VB023 SS045 PS021 GI014 be033 SS036 FE357 BE046 PS042 an328
               SS056 GI034 an332 SS035 bd075 n0087 be033 GI004 an332 HL326 LV354 DS006 al017 SS036 FE356
               BK000 ro000 n0090 BK000 SS036 BE036 DS002 FE356 hl325 an328 ro035 n1125 n0085 KR070 SS036
               LV002 FE351 DS002 n0000 BD077 n0087 n0087 n3000 PS015 an331 n0090 n2130 BK000 ro040 BD075
               SS036 GI021 ro000 BK000 n2110 n0090 ro000 ko080 KR079 bl090 it089 ko078 bl088 it087 fe345
               VB036 KI010 SS038 BK000 VB038 SS037 BK000 n3120 n0090 en099 BD077 it090

77=NS          64.24N  22.64E      0     0     0deg     1      2 of     2 bearings
               2091.00
               N2150 N1110

78=NU          50.04N 134.78E    364    84    49deg    72    274 of   276 bearings
               2092.00 2093.00 2094.00 2095.00 2096.00 2097.00 2098.00 2099.00 2100.00 2101.00
               2102.00 2103.00 2104.00 2105.00 2106.00 2107.00 2108.00 2109.00 2110.00 2111.00
               2112.00 2113.00 2114.00 2115.00 2116.00 2117.00 2118.00 2119.00 2120.00 2121.00
               2122.00 2123.00 2124.00 2125.00 2126.00 2127.00 2128.00 2129.00 2130.00 2131.00
               2132.00 2133.00 2134.00 2135.00 2136.00 2137.00 2138.00 2139.00 2140.00 2141.00
               2142.00 2143.00 2144.00 2145.00 2146.00 2147.00 2148.00 2149.00 2150.00 2151.00
               2152.00 2153.00 2154.00 2155.00 2156.00 2157.00 2158.00 2159.00 2160.00 2161.00
               2162.00 2163.00
               VB340 PS337 KI332 AL332 LV322 HL314 FE318 DS333 AN292 AL330 LV322 FE309 DS328 AN290 LV319
               HL320 AN287 FE314 AN288 LV320 LV338 FE326 DS332 LV319 DS327 AN294 FE316 AN289 LV317 FE314
               AN289 LV327 KI325 DS322 AN289 KI320 HL314 FE328 DS327 AN288 gi147 KI325 FE317 AN291 LV315
               KI330 HL316 FE321 DS327 AN290 PS337 HL315 GI313 FE316 DS328 AN291 FE314 AN290 LV311 KI330
               AN291 LV316 AN289 LV325 HL321 AN288 LV317 DS327 FE314 GI325 FE312 DS323 HL314 LV319 GI031
               FE307 DS325 AN290 LV319 HL314 FE316 AN286 DS329 LV320 DS331 KI333 AN295 FE317 LV319 DS325
               AN293 HL315 FE316 DS331 AN290 FE314 DS322 AN290 HL317 PS336 KI326 AN291 LV317 GI328 AN291
               HL314 BE322 PS336 KI328 HL315 FE316 DS323 AN292 AN288 FE325 GI320 DS328 AN290 LV317 HL310
               FE319 AN287 LV318 AL330 LV315 KI331 HL310 DS329 FE318 AN291 FE324 AN298 AL330 DS332 GI335
               AL334 HL311 AN289 LR335 FE329 LV317 AN291 HL315 AL332 LV319 KI331 HL315 GI327 FE314 AN289
               AL326 LV322 KI327 HL311 FE315 DS326 AN292 AN284 LV317 HL313 FE316 AN291 DS321 AN293 LV319
               HL315 AN289 LV320 FE314 LV317 AN290 LV318 AN290 LV314 AN289 AN289 FE313 DS324 HL314 KI326
               LV320 HL315 AN287 FE314 LV318 HL316 FE314 DS324 AN290 HL314 FE312 DS323 LV318 AN288 LV316
               HL314 DS327 FE314 HL313 LV315 AN286 FE314 DS324 LV320 DS326 FE312 AN288 LV323 HL311 DS320
               FE312 LV316 FE333 lv003 KI329 HL313 FE316 AN289 FE317 DS323 AN288 AN288 HL317 AN288 FE318
               DS326 LV316 FE314 HL314 LV318 HL313 LV317 DS328 AN289 KI328 AL333 FE316 GI356 DS325 LV316
               KI327 HL318 DS323 LV319 HL315 FE314 LV322 AN293 LV320 HL317 AN289 DS323 KI327 HL320 DS324
               AN288 LV316 HL312 AN288 GI319 DS326 AL329 LV318 KI326 HL320 FE317 DS321 AN286 LV318 KI330
               FE317 AN288 DS320 KI329 FE316 AN291
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79=OO          48.25N   17.78E      0     0     0deg     1      2 of     2 bearings
               2164.00
               SS044 VB043

80=OO          55.33N     .46W      0     0     0deg     1      2 of     2 bearings
               2165.00
               PS041 LR045

81=PF          47.19N   72.04E    393   188   134deg    20     52 of    55 bearings
               2166.00 2167.00 2168.00 2169.00 2170.00 2171.00 2172.00 2173.00 2174.00 2175.00
               2176.00 2177.00 2178.00 2179.00 2180.00 2181.00 2182.00 2183.00 2184.00 2185.00
               n1140 N0080 bk000 AN338 GI039 AN333 LR031 DS356 FE351 DS354 LV343 HL325 FE352 AN321 HL325
               AN289 AN327 GI002 DS345 HL325 FE340 HL326 FE351 GI340 HL324 FE352 PS011 LV343 HL320 FE340
               AN312 SS036 BK070 HL319 AN324 GI349 AN326 MU075 KO068 BK075 BD066 BE032 N3115 N1085 RO000
               BD067 N1090 BL075 IT075 KR080 RO050 BD067 bk000 HL324 GI346

82=PK          51.49N   35.81E    744   151   132deg     2      4 of     4 bearings
               2186.00 2187.00
               VB037 AL040 N1130 N0100

83=PL          51.67N    7.28E     16     7     8deg    27     72 of    89 bearings
               2188.00 2189.00 2190.00 2191.00 2192.00 2193.00 2194.00 2195.00 2196.00 2197.00
               2198.00 2199.00 2200.00 2201.00 2202.00 2203.00 2204.00 2205.00 2206.00 2207.00
               2208.00 2209.00 2210.00 2211.00 2212.00 2213.00 2214.00
               VB041 AL037 LR037 AL037 GI018 ro000 VB043 PS045 LR046 BK000 mu080 it090 KR070 ko067 BD082
               LR042 BE043 ro000 BK000 LR046 GI025 BD085 bl110 VB038 SS038 PS039 LR044 GI024 AL033 it108
               mu093 bl108 LR026 DS032 VB037 SS035 LR044 BK000 n0091 BE041 PS043 KI031 VB037 FE020 LV028
               DS026 BE048 VB036 LV026 DS027 BE046 LR016 ro000 BE045 PS038 KI035 CA040 AL040 PS039 LR042
               GI036 DS034 BE048 CA043 mu090 ko084 n3174 KI033 DS032 BE049 LR042 DS025 ro000 BK000 LR028
               GI036 AL038 VB042 KI028 BE048 AN002 gi310 CA053 GI024 BE045 LR045 en140 KI022 GI025

84=PM          54.36N 143.71E  1387   231    53deg     3      7 of     7 bearings
               2215.00 2216.00 2217.00
               LV323 HL321 AN208 LV325 AN289 LV321 FE317

85=R6          43.82N   27.57E      0     0     0deg     1      2 of     2 bearings
               2218.00
               KO100 KR110

86=R9          51.27N    7.27E      4     1   179deg    61    198 of   235 bearings
               2219.00 2220.00 2221.00 2222.00 2223.00 2224.00 2225.00 2226.00 2227.00 2228.00
               2229.00 2230.00 2231.00 2232.00 2233.00 2234.00 2235.00 2236.00 2237.00 2238.00
               2239.00 2240.00 2241.00 2242.00 2243.00 2244.00 2245.00 2246.00 2247.00 2248.00
               2249.00 2250.00 2251.00 2252.00 2253.00 2254.00 2255.00 2256.00 2257.00 2258.00
               2259.00 2260.00 2261.00 2262.00 2263.00 2264.00 2265.00 2266.00 2267.00 2268.00
               2269.00 2270.00 2271.00 2272.00 2273.00 2274.00 2275.00 2276.00 2277.00 2278.00
               2279.00
               n0000 BD100 RO000 bk096 KR100 bl130 it130 LR045 AN006 VB041 BE047 n0133 n2173 n1166 BD096
               n0073 BE048 AN003 VB041 SS042 PS041 LR044 n0073 BD092 n3155 n2142 VB042 PS042 BE050 BD098
               bk095 BK000 KR104 ko080 BK000 LR055 AN351 RO310 BK091 KR100 IT125 bl137 ro050 BK000 N1163
               N0140 SS036 PS041 BE050 AL044 LR048 VB044 LR048 GI033 BE046 BD099 BK000 VB046 CA056 BE053
               n0130 N0150 BD099 SS037 CA048 AL041 GI039 BE053 VB038 AL043 PS046 BE049 LR042 VB041 SS036
               LR044 AL041 SS036 CA049 BE049 GI041 VB040 n0110 n2140 n3186 n1162 GI050 PS041 BE050 SS042
               KI037 AL046 LR043 VB034 PS042 BE048 AL041 VB039 LV027 DS037 CA049 PS039 AN356 AL045 BE050
               FE034 SS043 PS041 CA049 AL043 BE051 LR044 N1176 n0130 BD098 DS031 VB040 PS042 LR043 BE050
               AL038 RO000 BD095 BK000 ro055 BD092 n0090 BD068 KR090 BK000 RO000 BK000 KR102 RO000 BD099
               bk098 BD105 BK000 RO000 BD098 bk103 BD100 BK000 BK000 ro030 BD101 BK000 RO000 BK000 ro045
               BK000 bk101 KR102 bl072 BK000 BD098 bk100 RO000 ro030 bk100 bk100 PS025 LR044 GI021 LR048
               BE050 VB041 BD099 BK000 BK000 SS041 PS042 LR046 BE050 AL041 BK000 RO000 BK000 BK000 RO000
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BK000 bk102 bl130 LR048 KI038 VB042 LR048 RO000 bk093 VB040 AN006 PS043 CA048 BE048 AL039
VB039 SS039 BD098 n0130 CA049 AL042 LR044 VB038 BE049 SS036 AL041 LR047 BE050 AN293 PS042
SS036 VB041 AL037 LR045 BE051 PS040 BK000 RO000 KR102 LR043 SS034 AL038 VB041 VB040 PS036
BE049 AL039 LR043 BD098 FE034 AL045 AN354 CA047 BE050 PS045

87=RA 49.93N 135.53E 308 70 50deg 104 440 of 441 bearings
2280.00 2281.00 2282.00 2283.00 2284.00 2285.00 2286.00 2287.00 2288.00 2289.00
2290.00 2291.00 2292.00 2293.00 2294.00 2295.00 2296.00 2297.00 2298.00 2299.00
2300.00 2301.00 2302.00 2303.00 2304.00 2305.00 2306.00 2307.00 2308.00 2309.00
2310.00 2311.00 2312.00 2313.00 2314.00 2315.00 2316.00 2317.00 2318.00 2319.00
2320.00 2321.00 2322.00 2323.00 2324.00 2325.00 2326.00 2327.00 2328.00 2329.00
2330.00 2331.00 2332.00 2333.00 2334.00 2335.00 2336.00 2337.00 2338.00 2339.00
2340.00 2341.00 2342.00 2343.00 2344.00 2345.00 2346.00 2347.00 2348.00 2349.00
2350.00 2351.00 2352.00 2353.00 2354.00 2355.00 2356.00 2357.00 2358.00 2359.00
2360.00 2361.00 2362.00 2363.00 2364.00 2365.00 2366.00 2367.00 2368.00 2369.00
2370.00 2371.00 2372.00 2373.00 2374.00 2375.00 2376.00 2377.00 2378.00 2379.00
2380.00 2381.00 2382.00 2383.00
LV323 AN290 HL321 FE319 AN291 LV312 HL320 FE304 DS326 AN285 LV314 AN289 AN290 LV316 AN288
FE331 LV322 AN298 DS325 KI329 LV318 HL320 FE315 AN287 FE316 AN288 LV318 LV318 FE316 AN287
DS320 LV324 HL320 GI328 FE316 DS325 AN289 LV323 HL320 FE316 AN290 LV313 HL315 FE310 KI328
DS320 HL320 VB029 KI322 AL335 LV318 GI328 FE314 DS322 AN291 KI315 KI326 HL315 LV318 LV318
FE316 GI328 AN292 DS324 FE311 KI324 DS320 AN284 LV325 DS322 AN287 LV313 FE313 HL312 AN288
DS320 LV315 KI317 HL318 AN287 DS325 LV318 FE316 AN288 GI327 GI325 HL311 AN293 FE316 LV324
AN290 FE317 LV315 LV316 KI328 HL311 FE313 DS325 LV317 KI323 HL314 GI320 FE313 DS326 LV315
KI325 FE311 DS325 AN287 LV312 KI331 DS327 LV317 HL315 DS327 HL319 FE321 DS325 AN294 LV321
HL317 GI322 FE308 DS327 AN287 HL316 AN291 KI328 LV320 AN290 DS323 AN294 DS326 LV320 KI325
FE312 LV321 HL315 DS326 AN286 HL325 FE315 DS320 AN289 LV321 KI329 HL316 DS327 AN289 LV316
HL312 FE313 AN287 LV315 KI326 FE310 DS318 AN287 LV323 HL320 AN288 HL317 AN291 LR341 FE321
LV319 FE315 DS324 AN294 LV319 FE313 AN291 FE313 DS324 AN288 HL312 PS334 LV319 KI317 LV318
PS336 HL309 GI324 DS326 AN289 FE313 LV315 HL312 GI352 FE314 AN289 DS321 LV319 HL313 FE315
DS322 AN290 HL325 GI329 KI316 AN291 LV316 DS325 FE316 LV321 HL313 AL338 DS327 FE317 AN298
LV316 KI322 GI324 FE316 AN290 KI322 GI313 DS318 PS035 LV315 LR326 AL332 GI313 FE319 AN290
LV317 KI320 GI314 AN289 DS324 FE310 FE317 GI326 LV319 DS328 HL314 AN294 LV314 HL312 FE313
DS325 AN288 LV319 HL315 FE315 DS320 AN288 KI325 LV318 AN287 FE313 HL313 DS320 FE312 DS326
HL314 AN291 FE316 VB346 PS338 AN297 LV316 FE316 DS324 VB035 PS037 ki145 HL315 LR341 LV312
AN286 FE314 DS323 LV318 KI325 HL314 FE315 DS320 HL314 GI319 DS327 LV319 FE314 AN285 LV322
KI327 HL314 FE316 DS328 AN289 AL337 GI326 FE313 AN289 DS321 LV317 HL314 LV320 KI330 FE315
DS325 AN292 LV316 HL310 FE312 AN287 LV317 AN285 AN285 GI032 AN290 PS334 KI323 HL325 GI330
DS325 LV318 AN289 FE315 DS323 FE313 AL332 KI322 GI327 DS324 AN290 HL311 FE317 DS326 LV317
DS326 FE316 FE316 LV321 DS323 AN289 HL316 KI325 DS325 LV314 FE311 KI326 HL315 HL315 DS348
AN291 LV318 FE312 HL314 DS325 LV315 FE312 DS326 AN283 LV320 FE312 LV315 FE312 DS325 LV313
DS325 LV319 FE312 DS325 FE312 DS325 LV315 LV315 DS325 AN306 LV315 GI329 DS326 AN290 DS326
AN288 LV319 DS326 AN288 LV318 DS326 FE311 DS326 FE325 LV317 FE326 AN289 DS322 FE318 GI342
AN289 DS323 LV320 DS325 KI327 GI322 AN283 LV314 HL311 LV315 LV314 AN289 HL315 LV320 HL311
FE313 DS322 AN289 HL314 GI319 AN291 LV314 GI023 LV314 FE316 HL316 AN285 FE308 LV320 DS317
HL312 AN287 FE311 AN288 HL315 AN289 LV316 FE317 KI326 DS324 FE311 AN289 KI327 FE311 DS322
FE314 AN286 DS325 LV315 DS322 AN288

88=RD 49.86N 35.98E 222 51 115deg 10 20 of 22 bearings
2384.00 2385.00 2386.00 2387.00 2388.00 2389.00 2390.00 2391.00 2392.00 2393.00
KR087 IT104 LR014 BE043 N2145 N1120 BD090 BK080 KR088 N0100 VB035 AL026 GI002 AN340 KR090
IT090 VB040 GI026 GI027 PS034 ro000 n0080

89=RP 49.69N 38.23E 238 78 122deg 6 13 of 15 bearings
2394.00 2395.00 2396.00 2397.00 2398.00 2399.00
MU077 IT095 KO077 EN123 N2130 N0100 EN120 VB024 SS040 GI038 BE043 BD075 bk000 ro000 BK077

90=RQ 54.12N 28.39E 53 28 96deg 16 53 of 61 bearings
2400.00 2401.00 2402.00 2403.00 2404.00 2405.00 2406.00 2407.00 2408.00 2409.00
2410.00 2411.00 2412.00 2413.00 2414.00 2415.00

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                KR070 KO070 N0102 N1145 KR075 IT081 KO060 BD074 LR014 CA042 VB039 BE046 N0090 BL065 KR074
                KO062 IT075 bk000 n0088 BD077 IT087 BL085 AN005 FE021 IT083 KO050 MU050 PS037 FE021 n0160
                N2140 bd099 bk000 BE039 LR040 KO054 BL060 IT085 KR070 bk093 bk000 IT083 KO055 n1105 N0085
                KI031 GI029 N0090 N2150 N1145 N0105 DS025 LV021 AN001 CA045 BE047 N2158 N1142 N0105 N2145
                N0085

 91=RS           54.45N  12.44E   197    75   72deg    2     3 of    5 bearings
                2416.00 2417.00
                RO000 bd082 BD067 IT070 ko050

 92=RT           57.40N  29.35E   149    61  123deg   11    44 of   46 bearings
                2418.00 2419.00 2420.00 2421.00 2422.00 2423.00 2424.00 2425.00 2426.00 2427.00
                2428.00
                VB034 LR041 BE036 VB030 PS035 LR031 KI033 GI029 AL034 VB032 PS036 LR036 GI024 BE042 AL032
                FE015 n3125 N0090 N1105 N0080 N2145 LR042 VB038 GI330 GI021 VB040 BE041 AL029 PS036 LV004
                KI020 GI029 FE009 DS011 LR038 GI029 N1130 N0100 n3140 BE043 VB039 PS037 LR045 CA046 LR037
                AL028

 93=S5           51.12N   7.28E     6     2   29deg   17    39 of   58 bearings
                2429.00 2430.00 2431.00 2432.00 2433.00 2434.00 2435.00 2436.00 2437.00 2438.00
                2439.00 2440.00 2441.00 2442.00 2443.00 2444.00 2445.00
                it130 bl130 KR103 N2185 N0145 BD096 BK000 BK090 it120 KR104 bl140 mu040 BD100 BK000 KR080
                ko050 MU030 BD097 LR042 SS045 VB039 PS048 BD098 LR047 SS046 VB042 LR046 VB041 BE053 SS046
                BE055 SS046 VB041 BD098 n1173 n0145 BD100 n0146 n0000 BK102 SS035 LR051 n0125 BK099 n1165
                n0135 BD098 BK000 BK102 bl125 KR103 it130 ro040 BD095 BK095 n1075 n2080 n3095

 94=S7           50.15N  16.85E     0     0    0deg    1     2 of    2 bearings
                2446.00
                KO061 KR097

 95=SB           49.60N  53.17E     0     0    0deg    1     2 of    2 bearings
                2447.00
                GI018 AN344

 96=SE           40.39N  67.04E     0     0    0deg    1     2 of    2 bearings
                2448.00
                N1103 N0088

 97=SF           59.52N  31.44E    85    53  100deg    4    11 of   11 bearings
                2449.00 2450.00 2451.00 2452.00
                N0075 N3160 N2140 BL050 IT050 N0077 IT050 KR055 N1120 N0075 BD060

 98=SG           44.91N  63.16E  1719   310  139deg    2     4 of    6 bearings
                2453.00 2454.00
                n2128 n1111 N0087 BD075 N1100 N2115

 99=SK           61.72N 155.92W   347    23   99deg   18    60 of   60 bearings
                2455.00 2456.00 2457.00 2458.00 2459.00 2460.00 2461.00 2462.00 2463.00 2464.00
                2465.00 2466.00 2467.00 2468.00 2469.00 2470.00 2471.00 2472.00
                AN286 GI327 VB336 KI323 LV318 VB340 KI323 FE312 DS327 FE317 AN289 DS328 DS324 AN287 GI337
                FE310 AN286 LV319 KI325 DS324 LV315 KI326 FE310 LV315 AN283 VB334 LV312 GI328 FE327 AN293
                LR328 DS324 AN290 FE316 LV318 HL313 DS327 AN294 LV313 AN324 KI318 DS319 GI331 LV314 FE311
                DS312 AN285 LV314 KI326 GI319 DS327 AN290 LV315 HL312 LV315 FE312 DS324 AN285 AN288 HL316

100=SL           55.50N  43.18E     0     0    0deg    1     2 of    2 bearings
                2473.00
                N0083 N2125

101=SM           51.10N   7.27E  1114     5   31deg    2     5 of    5 bearings
                2474.00 2475.00
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BK072 SS045 SS041 BE044 BK000

102=SU      51.16N   7.28E     5     1    5deg   65   134 of  193 bearings
2476.00 2477.00 2478.00 2479.00 2480.00 2481.00 2482.00 2483.00 2484.00 2485.00
2486.00 2487.00 2488.00 2489.00 2490.00 2491.00 2492.00 2493.00 2494.00 2495.00
2496.00 2497.00 2498.00 2499.00 2500.00 2501.00 2502.00 2503.00 2504.00 2505.00
2506.00 2507.00 2508.00 2509.00 2510.00 2511.00 2512.00 2513.00 2514.00 2515.00
2516.00 2517.00 2518.00 2519.00 2520.00 2521.00 2522.00 2523.00 2524.00 2525.00
2526.00 2527.00 2528.00 2529.00 2530.00 2531.00 2532.00 2533.00 2534.00 2535.00
2536.00 2537.00 2538.00 2539.00 2540.00
mu070 kr092 bl113 ko090 AL037 VB040 ro070 n0122 VB040 LR043 n0090 n2155 SS033 LR041 n2135
n0100 BD090 BK093 ko070 BK000 KR100 ko090 BK000 BK000 bd064 ro050 BK000 BK000 RO000 n1141
n3172 n2148 n0116 n0116 BK000 PS038 VB040 LR041 mu090 it105 KR097 bl105 ko086 AL038 PS035
GI035 BK000 ko086 KR070 n3150 n0095 BE047 LR043 PS044 VB035 VB037 PS040 LR043 LR039 BE046
RO000 LR038 BK000 RO000 mu088 it110 bd052 BE046 DS033 AN008 mu065 ko070 BK000 PS040 LR038
AL040 GI327 CA050 BE048 BK000 GI039 PS035 LR038 BK000 VB039 LR039 RO000 BK065 RO000 n2155
PS038 LR038 GI026 AL035 GI033 LR039 KI032 FE021 AL040 mu090 KR100 it113 ko085 KR093 ko088
n2145 n1105 n0080 SS040 BK000 RO000 BK000 FE019 AN003 n0105 BK000 SS042 GI031 VB039 RO000
KR096 it108 bl110 ko085 ro180 BD093 RO000 BK000 BK000 n0066 RO000 BK095 VB040 bl090 IT130
ko070 SS032 GI012 DS031 AN358 ro060 n0000 BK000 BK086 PS041 BK000 bl114 it113 KR096 ko083
ro030 BK091 BK000 KR093 LV013 AN359 SS039 KI027 VB039 GI024 BE047 AN002 DS028 KI033 RO000
BK000 VB040 LR046 AL040 BK000 LR043 BE045 PS036 KI014 GI023 VB035 LR043 it113 ko075 BK000
LR043 VB045 VB039 LV012 BD054 BK000 mu096 RO000 BK000 kr092 bl100 it113 BK000

103=TO      11.08N  62.57E     0     0    0deg    1     2 of    2 bearings
2541.00
GI023 BE051

104=TF      58.81N   5.80E    37     3   94deg   23    55 of   86 bearings
2542.00 2543.00 2544.00 2545.00 2546.00 2547.00 2548.00 2549.00 2550.00 2551.00
2552.00 2553.00 2554.00 2555.00 2556.00 2557.00 2558.00 2559.00 2560.00 2561.00
2562.00 2563.00 2564.00
N0130 n3175 N0090 bd065 N0095 n2120 n1105 DS015 FE004 LV015 RO000 BK000 KI022 GI033 BE044
AL031 n1110 N0085 it074 AN356 SS042 BK000 VB044 SS038 LR043 ro050 N0090 bd062 BK000 KI040
VB032 LR038 kr080 it078 mu060 ko050 BK000 AL036 SS036 RO000 BK000 bd061 bk037 kr067 bl061
RO000 kr065 ko060 it076 bl060 RO000 bd064 ko063 bl065 ca289 be291 al278 n1120 N0075 AL030
PS041 HL353 FE002 DS019 LV010 AN320 ro020 AL031 KI046 BK000 BK000 bd062 LV019 FE022 AN354
bd000 AN354 AL028 BK000 BE026 N0115 n3145 VB027 KI032 DS030 AN354

105=TK      49.13N 135.40E   632   149   49deg   17    63 of   63 bearings
2565.00 2566.00 2567.00 2568.00 2569.00 2570.00 2571.00 2572.00 2573.00 2574.00
2575.00 2576.00 2577.00 2578.00 2579.00 2580.00 2581.00
HL313 AN289 HL319 FE316 AN285 LV317 HL317 AN290 AL332 AN290 LV320 FE317 DS323 LV317 KI330
HL319 FE316 DS323 LV315 HL315 FE312 DS321 AN286 HL320 GI340 AN288 HL314 DS321 LV315 LV316
HL315 FE314 FE312 AN293 HL312 FE313 AN287 KI325 LV320 FE314 HL317 AN288 DS320 KI328 LV316
DS326 AN288 FE316 LV312 HL318 FE312 GI327 AN286 HL314 FE313 DS324 AN289 HL317 AN288 DS322
KI036 FE309 LV316

106=U7      49.81N  16.72E    34    16  116deg   23    77 of   83 bearings
2593.00 2594.00 2595.00 2596.00 2597.00 2598.00 2599.00 2600.00 2601.00 2602.00
2603.00 2604.00 2605.00 2606.00 2607.00 2608.00 2609.00 2610.00 2611.00 2612.00
2613.00 2614.00 2615.00
BD094 N0140 bk000 KO055 MU075 KR101 IT132 BD096 bk077 BL135 MU090 KO085 N3195 N2185 IT140
ro060 N0138 BK094 BK075 LR044 PS041 BE047 CA050 RO030 BD096 N1165 N0145 bk000 bk000 KR098
IT096 BL138 KO060 N2180 BD101 SS043 PS048 VB036 VB041 PS033 LR045 SS039 KI038 RO000 BD095
RO000 BD097 VB039 SS038 PS040 LR046 PS044 LR044 N0120 N1170 N0140 N1156 KR108 BK101 BK101
LR048 SS044 BE049 BL135 KR100 CA051 BE054 PS040 VB043 LR044 GI042 n1152 N2164 AL045 VB035
VB043 BD100 SS052 VB045 BE050 AL039 GI032 CA049

107=UB      57.15N  37.50E     0     0    0deg    1     2 of    2 bearings
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                2662.00
                EN094 VB029

108=UD           51.13N   7.27E     8     2    8deg    18     43 of    65 bearings
                2663.00 2664.00 2665.00 2666.00 2667.00 2668.00 2669.00 2670.00 2671.00 2672.00
                2673.00 2674.00 2675.00 2676.00 2677.00 2678.00 2679.00 2680.00
                BD095 BK000 SS043 PS044 LR042 N3195 n0120 n2083 n0070 AN005 LR046 BE047 CA048 BD096 BK000
                kr096 it127 BD110 LR044 VB039 LR046 RO000 BK078 n2170 n1155 n0128 BD093 BK094 LR047 BE047
                AN004 n3185 BK000 n2170 RO000 BD090 n1153 mu083 KR102 ko080 it123 n0127 n0123 BD094 BK000
                BK000 BD094 n0115 BK000 en161 ro030 BK095 BD099 BK000 LR049 CA049 BE047 BK000 BK000 SS043
                BE052 n1156 n0123 bd005 BK000

109=UN           58.40N  31.75E   239    68    77deg     1      5 of     7 bearings
                2681.00
                N0080 bl060 bl060 KO042 KO043 KR055 KR055

110=VA           51.47N   7.27E     7     6    76deg    18     50 of    53 bearings
                2760.00 2761.00 2762.00 2763.00 2764.00 2765.00 2766.00 2767.00 2768.00 2769.00
                2770.00 2771.00 2772.00 2773.00 2774.00 2775.00 2776.00 2777.00
                FE022 LV028 AN347 AN358 PS035 LR033 FE016 AN358 FE019 DS020 CA053 BE053 PS034 LV015 LR041
                SS043 AN356 SS050 GI022 DS021 PS034 LR040 BE044 AL034 LV020 LR039 BE046 BK000 KR085 bl100
                SS051 CA040 BE044 KR086 it115 SS042 LR041 KI033 FE016 SS042 VB040 ro040 BK000 GI031 KI035
                LV017 LR040 FE016 AN353 KI007 GI003 VB037 BE045

111=VI           45.48N 134.60E  1285   471    51deg     3      6 of     7 bearings
                2778.00 2779.00 2780.00
                HL310 AN288 HL312 LV318 AN286 ki035 AN284

112=VL           55.56N  33.76E   283   132   154deg     3      4 of     6 bearings
                2790.00 2791.00 2792.00
                VB034 AL029 N3160 N0090 bk000 bl099

113=VN           47.56N  66.34E   397   173   140deg    20     52 of    55 bearings
                2808.00 2809.00 2810.00 2811.00 2812.00 2813.00 2814.00 2815.00 2816.00 2817.00
                2818.00 2819.00 2820.00 2821.00 2822.00 2823.00 2824.00 2825.00 2826.00 2827.00
                PS336 LV341 FE348 AN326 HL323 GI324 DS353 LV343 HL329 FE350 AN319 BE039 KI029 GI035 bk000
                KR073 N3150 N0110 HL322 HL325 AN326 AL006 AN003 N3108 N1085 AN324 FE356 HL319 an101 MU074
                KR090 IT100 KO068 FE348 LV001 BD067 bk000 N3110 N0083 IT075 DS359 DS355 KI041 LV358 GI330
                FE350 AN321 HL329 AN330 LR040 HL325 AN329 AL037 PS037 DS356

114=VU           41.44S 171.17E  3548   417   125deg     2      4 of     4 bearings
                2828.00 2829.00
                IT055 MU055 MU072 KO072

115=WA           56.42N  45.57E   183   100   126deg     4     10 of    10 bearings
                2830.00 2831.00 2832.00 2833.00
                KI016 HL350 DS017 AN351 N0082 N3135 N3140 AL026 BD061 KO056

116=WG           53.79N   7.27E    92    40     5deg     4      9 of    10 bearings
                2834.00 2835.00 2836.00 2837.00
                bk076 VB029 BD065 BK000 SS041 BK000 SS032 VB036 CA045 BE049

117=WQ           61.10N 172.45E   428    45    74deg    28     95 of    95 bearings
                2846.00 2847.00 2848.00 2849.00 2850.00 2851.00 2852.00 2853.00 2854.00 2855.00
                2856.00 2857.00 2858.00 2859.00 2860.00 2861.00 2862.00 2863.00 2864.00 2865.00
                2866.00 2867.00 2868.00 2869.00 2870.00 2871.00 2872.00 2873.00
                LV314 FE312 KI325 GI318 FE314 AL338 HL312 DS322 AN287 LV314 HL311 GI322 DS326 AN288 FE320
                AN288 DS320 LV319 AN288 DS324 HL313 GI334 FE316 DS326 GI314 KI321 LR356 HL318 AN287 AL323
                DS325 AN293 AN288 LV320 DS323 FE314 LV320 AN283 LV316 AN287 VB337 DS321 AN287 LV314 DS317
                AN280 LV316 KI329 AN287 AN286 GI028 LV317 KI327 DS317 VB040 LV315 KI328 DS326 AN291 DS327
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GI301 AN294 HL313 FE316 GI330 AN291 LV318 FE315 DS324 AN287 AL335 VB344 KI327 FE319 DS325
AN288 GI327 FE317 DS325 AN289 AL339 LV315 AN287 DS321 HL332 AN337.FE312 DS325 AN285 HL314
AN286 AN284 LV329 KI325 DS322

118=WU    58.86N  30.01E    40    30  150deg   20     42 of   48 bearings
2886.00 2887.00 2888.00 2889.00 2890.00 2891.00 2892.00 2893.00 2894.00 2895.00
2896.00 2897.00 2898.00 2899.00 2900.00 2901.00 2902.00 2903.00 2904.00 2905.00
AL031 GI027 n3200 IT060 KO037 N3165 N2145 bk000 AL025 AN357 IT060 PS025 GI030 N0075 N3166
N2140 N0075 N2140 N3160 N0075 N2145 N3165 N2140 BL075 IT057 N3165 BD060 BD060 N2143 N1130
N2145 N0085 BE037 AL031 N1120 N0080 BL060 MU045 bk000 RO010 bk000 AL036 MU065 bk000 n1095
N0080 FE012 AN330

119=WV    55.98N  36.69E    51    29  125deg   20     65 of   74 bearings
2906.00 2907.00 2908.00 2909.00 2910.00 2911.00 2912.00 2913.00 2914.00 2915.00
2916.00 2917.00 2918.00 2919.00 2920.00 2921.00 2922.00 2923.00 2924.00 2925.00
EN094 BD060 N2120 N0090 N1105 BE037 HL349 HL349 VB029 VB029 AN356 LR034 PS030 AN356 ro000
BD065 bk000 BK063 MU060 KR062 IT072 KO056 AN357 KI023 LV019 FE023 N2138 N0085 KR060 MU070
N3155 N2135 N1130 ro000 n0100 n0110 BD075 n3000 N2130 n0000 N0093 N3154 N2138 N1110 N0095
n3000 n1000 N2146 N3155 BD064 KO048 KI029 GI021 DS017 AN357 N2145 IT072 BL070 N3155 N1125
N0080 N3153 N2133 N1118 SS054 AL028 RO050 N1112 N0080 EN102 BK062 N0095 N3151 N1121

120=XS    48.20N  21.27E     0     0    0deg    1      2 of    2 bearings
2926.00
LR046 VB042

121=XD    54.92N  34.57E   118    69  104deg    4      8 of   15 bearings
2927.00 2928.00 2929.00 2930.00
ro000 BD067 KO058 KR071 N2140 n0100 BD067 bk000 N0090 kr083 bl090 KO052 bk000 n0000 N1126

122=XI    45.90N 105.47E  1972   669   50deg    4     10 of   10 bearings
2931.00 2932.00 2933.00 2934.00
KI326 HL315 HL315 DS328 LV333 HL312 AN312 LV338 HL317 AN307

123=XN    58.81N   5.76E    57     4   99deg   11     21 of   41 bearings
2935.00 2936.00 2937.00 2938.00 2939.00 2940.00 2941.00 2942.00 2943.00 2944.00
2945.00
n1133 n3157 n2137 n3160 n2150 N0097 en120 bd088 n2130 n3180 BK000 BK000 VB036 PS041 LR042
CA045 BE050 bd062 ko090 it090 BE048 AN352 BK000 n3160 N0140 BE049 n3150 N0110 VB037 PS038
LR041 GI029 AL039 ko097 it105 kr091 mu100 N0085 n2105 BK000 ko090

124=XW    56.69N   7.27E   723    94  180deg    2      6 of    6 bearings
2946.00 2947.00
BK000 PS040 LR040 PS039 LR045 AL035

125=ZI    46.56N  20.67E   103    23  128deg    4     21 of   21 bearings
2948.00 2949.00 2950.00 2951.00
AN359 HL002 BD105 BK105 N3187 N2164 BK113 N3180 BD106 BK113 MU114 KO103 BL136 IT135 VB042
SS046 PS044 LV021 HL356 AN356 BK113

126=Z3    50.41N  14.60E    28    22  132deg   15     34 of   39 bearings
2952.00 2953.00 2954.00 2955.00 2956.00 2957.00 2958.00 2959.00 2960.00 2961.00
2962.00 2963.00 2964.00 2965.00 2966.00
IT140 KO045 BL165 KR101 BK093 N0145 N1175 N0143 n1109 n0101 n0000 N3195 N0130 VB056 LR047
PS042 LR045 RO000 BD090 VB043 BE052 PS040 GI038 RO030 BD093 BD098 KO053 N3198 N2187 N1177
N0143 n0000 n1000 N2187 PS043 LR048 KI036 N0135 BD099

127=ZA    61.28N 150.10W    53     1  157deg   27     93 of   93 bearings
2967.00 2968.00 2969.00 2970.00 2971.00 2972.00 2973.00 2974.00 2975.00 2976.00
2977.00 2978.00 2979.00 2980.00 2981.00 2982.00 2983.00 2984.00 2985.00 2986.00
2987.00 2988.00 2989.00 2990.00 2991.00 2992.00 2993.00
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                SS035 AN341 LV321 HL319 FE321 AN289 LV330 FE329 HL330 AN358 GI020 LV328 FE320 HL325 DS327
                AN307 LR347 PS349 CA346 AN306 DS356 LV011 AN303 HL329 AN290 FE324 AN306 FE328 AL345 LV335
                AN306 FE327 HL328 FE330 AN305 AN287 GI032 KI347 FE328 DS327 AN306 DS327 FE328 VB347 LR349
                KI347 CA345 BE349 AN306 AN293 FE329 LV030 AN292 FE332 AN302 GI330 AN306 VB343 LV315 FE327
                DS335 AN306 AL336 FE327 AN306 HL333 GI338 AN306 AN307 FE328 KI013 DS336 GI336 AN309 DS002
                AN306 FE327 LV328 FE327 AN306 LV329 FE327 DS336 AN306 AL344 LV332 FE327 DS335 AN306 LV337
                AN306 HL335 FE329

128=ZM           52.07N  11.07E    99   28   82deg   14    30 of   38 bearings
                3003.00 3004.00 3005.00 3006.00 3007.00 3008.00 3009.00 3010.00 3011.00 3012.00
                3013.00 3014.00 3015.00 3016.00
                BD087 KR086 bk000 LR042 AL045 KR065 mu070 it074 AL033 PS032 LR040 PS043 KI032 AL030 VB034
                BE045 AL029 HL335 BE045 VB039 PS031 GI028 AL031 VB038 AL029 VB033 PS034 BE045 RO000 VB038
                ro040 BK062 RO000 BD088 mu094 it100 n2140 n0090

129=ZN           53.38N  38.37E   312   91  130deg    6    10 of   12 bearings
                3017.00 3018.00 3019.00 3020.00 3021.00 3022.00
                N2130 N0090 N0090 N2140 CA033 BE035 N0100 n1130 n1097 N2132 AL018 FE009
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42 44N  26  2E AS          2020  591 131   10 ALB 45 ANB  3 BEB 53 CAB 50 DSB 32 KIB 37 LRB 48 PSB 45 SSB 49 VBB 45
55 25N  40  8E AR          1292  113  94    7 ALB 28 BDB 65 BDB 65 BKB 65 BKB 65 SSB 40 VBB 32
49 10N 133 55E BF          1245  318  49   16 DSB325 ANB289 ANB289 DSB326 DSB326 ANB289 FEB315 FEB314 GIB329 GIB330 HLB315 HLB315
 KIB327 KIB327 LVB319 LVB319
55 55N  34 18E DP           715  202  95    9 ANB355 ALB 29 ANB355 BDB 65 FEB 15 GIB 29 KIB 30 SSB 40 VBB 32
57 22N  32 59E GA           198   93 157    4 ANB358 BDB 61 N2B140 N3B160
59 58N 151  6E GD          1182  290  63    9 ALB325 ANB295 DSB327 FEB324 GIB326 HLB326 LVB322 PSB327 VBB338
53 48N  59 53E GF           870  335 111    7 ANB338 BDB 63 BKB 64 DSB  8 FEB  0 GIB 12 HLB342
50 54N 136 17E GS          1728  492  53    6 ANB289 DSB325 FEB318 HLB317 KIB326 LVB319
53 26N  28  3E GV           723   82  93   10 ALB 35 ANB358 BDB 74 BDB 75 BEB 44 BKB 71 LRB 38 PSB 36 SSB 40 VBB 36
59 13N 151 56E HD          1255  234  63    6 ANB292 ANB292 DSB328 FEB318 HLB330 LVB321
54 50N  80  2E HP           899  424 120    7 ALB  5 ANB329 BDB 52 BKB 56 BKB 56 GIB  2 HLB332
56 36N  37  9E IL           131   69 130    9 BDB 62 BDB 62 BKB 60 N0B 85 N1B120 N2B133 N3B150 SSB 40 VBB 36
44 32N  64 33E KV           957  246 132   15 ALB 30 ANB331 BDB 75 BDB 75 BEB 35 BKB 74 BKB 75 CAB 35 LRB 40 LVB325 N0B 85 N1B100
 PSB 40 SSB 35 VBB 35
43 15N  26 30E L4           610   99 132   16 ALB 48 ANB  2 BDB105 BEB 53 BKB114 CAB 50 DSB 32 FEB 25 GIB 37 KIB 39 LRB 49 LVB 27
 N0B131 VBB 44 SSB 54 PSB 44
55 43N  31 37E LK           147   75 106   15 ALB 35 ANB358 BDB 67 BDB 67 BEB 42 BEB 42 BKB 62 LRB 40 N0B 90 N2B145 PSB 35 SSB 40
 SSB 40 VBB 35 VBB 35
59 15N  30 58E LR           149   74 126    6 BDB 54 BKB 57 N0B 78 N1B121 N2B140 SSB 34
46  6N 137  7E LU          1705  550  53    5 ANB284 FEB307 HLB311 LVB318 DSB322
44 11N  62 50E MG           870  257 135   18 ALB 34 ANB331 BDB 75 BEB 35 BDB 75 BKB 77 CAB 30 DSB350 FEB354 GIB 17 HLB327 KIB 30
 LRB 35 N0B 85 N1B104 SSB 38 SSB 38 VBB 32
56 36N  36 10E NI           291   96 121    5 BDB 66 BEB 36 N0B 83 N1B120 VBB 34
40 12N  65 24E NK          1118  447 144   13 ALB 20 ANB332 BDB 77 BEB 35 DSB  3 FEB355 GIB 14 HLB326 LRB 30 LVB353 N0B 90 SSB 37
 VBB 27
49 11N 134 45E NU          1696  505  50    7 ALB330 ANB290 DSB325 FEB315 HLB314 KIB328 LVB318
48 55N  20  3E R9           169   70 126   13 ALB 41 ANB  2 BEB 50 BKB100 CAB 49 BDB 98 GIB 39 LRB 45 N0B130 PSB 42 SSB 37 VBB 41
 N1B166
49 12N 134 40E RA          1641  374  48   12 ALB335 ANB289 ANB289 DSB325 DSB325 FEB315 FEB315 GIB327 HLB315 KIB325 KIB325 LVB318
47 60N  30  6E SU           425   86 117   12 ALB 40 ANB  2 BDB 66 BEB 47 BKB 93 BKB 93 LRB 43 PSB 40 N0B116 PSB 40 SSB 42 VBB 40
55 32N  34 27E TF           399   95  99    5 ALB 31 ANB354 BDB 64 BKB 65 N0B 90
49 58N  16 46E U7           112   63 130   10 BDB 96 BKB 95 LRB 44 N0B140 N1B170 PSB 41 SSB 43 VBB 43 N1B170 LRB 44
55 28N  21 17E UA            87   70 114    5 BDB 67 BKB 56 N2B168 N1B154 N0B105
48 36N  24 42E UD           207   76 125    9 BDB 94 BEB 48 BKB 95 LRB 46 N0B123 PSB 44 N1B155 SSB 43 VBB 39
55 23N  38 40E UR           150   74 133   14 ALB 29 ANB356 BDB 64 BEB 36 BDB 64 BKB 65 FEB  7 N0B 90 N1B117 N2B133 N3B150 SSB 45
 VBB 30 ALB 29
47 56N 134 53E WQ          1696  368  47    9 ANB287 DSB325 FEB316 HLB313 KIB327 LVB317 ANB287 DSB325 ANB287
56 10N  35 45E WV           143   79 142    7 ANB356 BDB 65 BKB 62 N0B 95 N1B120 N2B138 N3B155
60 52N 128 53E ZA          2072  341  54    7 ANB306 ANB306 FEB328 DSB335 HLB329 LVB328 FEB328
55 59N  36 56E ZT           196   76 106    8 BDB 65 BDB 65 BKB 63 BKB 63 N0B 85 N1B120 SSB 38 SSB 38
51 11N 132 23E AL          1938  581  53    4 ANB293 DSB328 HLB318 LVB320
49 10N  20 20E B1           292   76 119    8 BDB 94 BEB 48 BKB 97 CAB 48 LRB 45 N0B128 PSB 43 VBB 40
48 22N  64 59E CB          1179  332 149    7 ALB 14 BDB 67 BEB 26 DSB355 FEB350 GIB  8 N3B121
51 59N  24 14E DK           883   90  96    9 ALB 42 BDB 79 BEB 46 CAB 45 GIB 32 LRB 43 SSB 41 VBB 39 BKB 80
43 44N  26 18E G3          2079  182 125    9 ALB 40 ANB  3 BDB105 BEB 53 CAB 50 KIB 38 LRB 50 PSB 43 VBB 44
49 25N 138 13E KU          1642  492  53    6 ANB288 DSB323 FEB307 HLB315 KIB326 LVB321
52 18N 138 52E ML          1631  471  55    5 ANB289 DSB324 FEB316 HLB319 LVB320
56 47N  59 13E MU          1022  485 110    4 ALB 24 ANB341 BDB 58 HLB337
44 31N  74 30E PF          1036  449 133    8 ANB327 BDB 67 BKB 70 FEB351 HLB325 LVB343 N0B 79 SSB 33
53 17N  27 14E RQ           400   99 112    7 ANB  4 BDB 75 BEB 44 BKB 45 CAB 44 FEB 21 N0B105
50 37N  13 58E S5           157   61 110    7 BDB 98 BEB 53 BKB 90 LRB 47 N0B145 SSB 46 VBB 41
48 48N 134 55E TK          1799  539  52    5 ANB288 DSB322 FEB316 HLB315 LVB316
56 25N  31  5E ZK           574  106 103    4 ALB 33 BDB 64 BEB 40 N0B 89
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15. ABSTRACT *(A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here.)*

This is the fourth in a series of reports describing the results of studies to determine the location of sources of harmful interference to the high frequency (HF) broadcasting service. Using observations recorded during the July 1988 monitoring program conducted under the auspices of the International Frequency Registration Board, and observations from monitoring stations coordinated by the Institute for Telecommunication Sciences, the report identifies frequently observed emitters of harmful interference and their locations, notes the extent of such interference with programs of leading international broadcast organizations, and examines the extent of such interference to programs of leading international broadcast organizations.

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direction finding; harmful interference; HF broadcasting; HF jamming; HF propagation

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